mo6.114
0786m

THE METEOROLOGICAL OFFICE

ATMOSPHERIC SCIENCES LIBRARY
N.O.A.A.
U. S. Dept. of Commerce

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869 UDC 551 506 1(41-4)

DECEMBER 1974

VOLUME 91 NUMBER 12

Windy and very mild.

Throughout the month fronts repeatedly crossed the United Kingdom from the Atlantic. However, for most of the first three weeks and again during the last few days, pressure was unusually high immediately to the south or south-west of the country and frontal activity was sometimes very weak, especially in southern and eastern districts.

Weather

Exceptionally mild, windy weather predominated. Showers or periods of rain occurred frequently and there were scattered outbreaks of hail and thunder but amounts of rainfall were often small in eastern and southern districts. Snow or sleet (snow mixed with rain or drizzle) fell at times, chiefly in Scotland and over high ground in northern England and North Wales. Fog often enshrouded coastal districts and high ground in the west but it was too windy for fog to occur inland on lower ground on more than one or two nights.

Wind

Frequent fresh or strong winds blew mostly from a southerly or westerly point. Gales were often reported and occurred widely at times but Northern Ireland, western and northern Scotland and northern and western districts of England and Wales were the most affected. On the morning of the 11th, thundery squalls accompanied the rapid passage of a shallow wave depression across England and Wales and there were gusts of 60 kt or more in a number of places; a gust of 78 kt at Kew (Greater London) was probably the highest wind speed recorded there since records began in 1871. On the same day reports in the Press spoke of an incident at London/Heathrow Airport in which one large aircraft was lifted by a particularly fierce gust and was blown into another which was parked nearby. Gales on the 17th were severe on coasts and over high ground and strong cross-winds made driving hazardous on the more exposed sections of motorways. Several roads in East Anglia were blocked by fallen trees. Among noteworthy gusts of 70 kt or more recorded during the last week was one of 74 kt at the Lizard (Cornwall) on the 27th and one of 83 kt at South Gare near Middlesbrough (Cleveland) on the 28th; the mean hourly wind speed at the time of the latter gust was 56 kt. On the 29th Eskdalemuir (Dumfriesshire) had a gust of 83 kt.

Temperature

Monthly mean temperatures were as much as 2 to 4 degC above average in most districts, but in parts of northern and western Scotland, south-western Wales and south-western England they ranged from 0 to 2 degC above average. The warmth of December 1974 contrasted strikingly with the cold of October 1974 so much so that over England and Wales as a whole the mean temperatures for the two months were almost the same. Taking England, Wales and Northern Ireland together, this was probably the mildest December since 1934; plant growth hardly ever ceased and in many places roses were still blooming over Christmas. Generally, the mildest weather of the month was experienced during the first week and again from the 20th to 31st. During the latter period a number of widely separated stations had maxima of 15°C or more. On the 23rd the temperature reached 15.8°C at Inverpolly (Ross and Cromarty) and on the 28th Elmstone (Kent) had a maximum of 16.2°C. On the same day the temperature rose to 15.2°C at Edgbaston, Birmingham, the highest December temperature measured there since records began in 1885. The middle part of the month was a little colder and frosts occurred widely in Scotland.

Rainfall (including melted snow)

Monthly rainfall totals were above average in parts of north-western and south-western England and in most of Northern Ireland, Wales and Scotland. In the north-western Highlands some stations had more than twice their normal rainfall for the month. Elsewhere it was drier than average and in small areas of eastern Scotland, eastern and southern England and the Midlands rainfall was less than half of average. Showers or periods of rain occurred frequently throughout the month but amounts of rain were often small in eastern and southern districts. Some of the showers were of hail and there were scattered thunderstorms on a few days. On the 11th three people were reported to have been injured when the roof of a house in Ramsgate (Kent) collapsed after being struck by lightning. Parts of northern Scotland had heavy rainfall towards the end of the first week but the wettest periods in Scotland as a whole and, indeed, in most of the other districts of the United Kingdom, occurred during the second half of the month. Among the larger falls recorded in a 'rainfall day' (the 24-hour period from 09 GMT on the date stated) were: 74.4 mm at Camusrory (Inverness-shire) on the 6th, 83.8 mm at Lluest Wen Filters (Mid Glamorgan) on the 21st, 77.1 mm at The Nook, Thirlmere (Cumbria) on Christmas Day and 92.1 mm at Honister House, Borrowdale (Cumbria) on the 28th.

Snow

Falls of snow or sleet were mostly confined to northern Scotland and to high ground in central and southern Scotland, northern England and North Wales. The snow did not lie for long except at times during the second and third weeks when there were some prolonged falls. Depths of 5 to 10 cm of undrifted snow were measured at places on lower ground and 10 to 20 cm or more accumulated on some of the higher slopes and persisted for a few days. On the 11th an undrifted depth of 27 cm was recorded at Leadhills (Lanarkshire) (387 m). Strong or gale-force winds caused drifting at times and there were reports in the Press of snowdrifts sufficiently deep to block several mountain roads in Scotland on the 17th.

Sunshine

In Northern Ireland and in most western districts of Great Britain sunshine totals ranged from 60 to 80 per cent of average. However, a few stations in the Scottish Highlands, in central Wales and also in south-western England had 50 per cent or less of average. By contrast, eastern and central districts of England and Scotland were sunnier than normal particularly in a small area in the Midlands and also at a few stations on eastern coasts where sunshine totals were 150 per cent or more of average. Stonehaven (Kincardineshire) had 78 hours of sunshine which represents 176 per cent of average and it is likely that this total was the highest recorded at Stonehaven in any December since 1931.

Fog

Short-lived patches of fog developed inland on lower ground on one or two nights, but hill fog and coastal fog occurred much more often, especially in western districts of Scotland, Wales and England. The hill fog was occasionally more widespread in heavier precipitation.

Miscellaneous Phenomena

The Aurora was observed in Scotland on 11 nights.

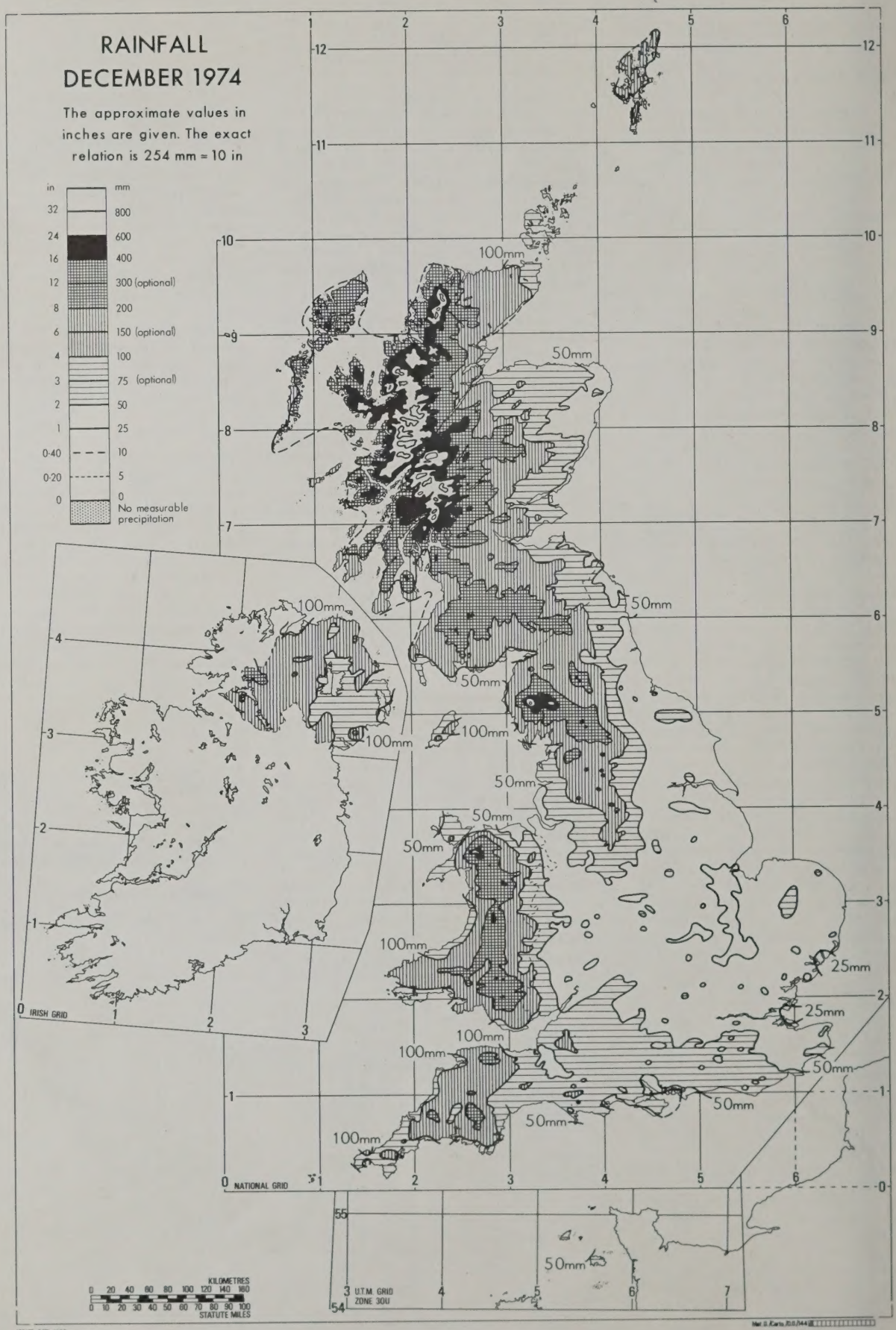
Table 1 District values

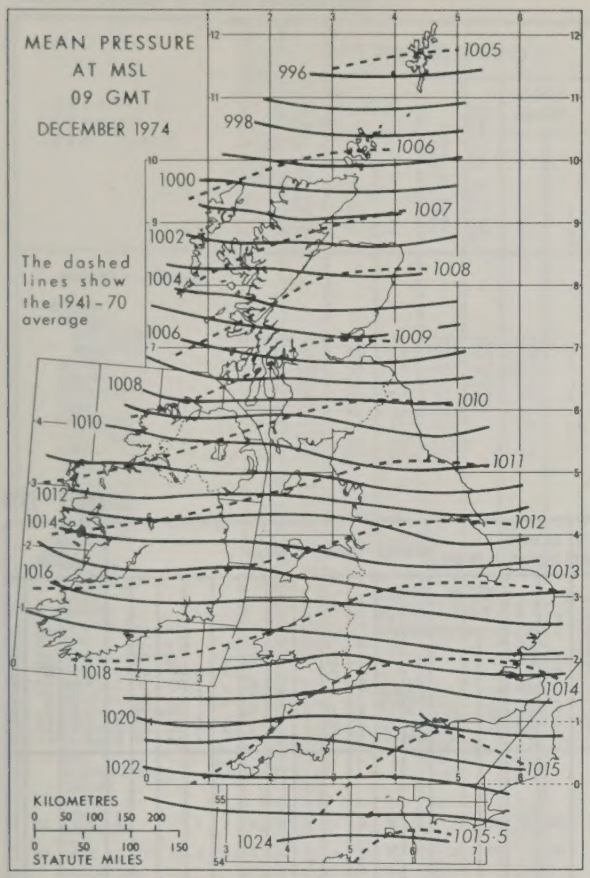
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sunshine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average					% of average	
0 Scotland N	14.0	—4.6	+1.3	+0.8	+1.1	+0.5	+5	209	69
1 Scotland E	14.0	—2.6	+2.2	+2.1	+2.2	+1.4	+2	122	129
2 England E & NE	14.2	—2.5	+3.3	+3.1	+3.2	+1.3	—1	81	128
3 East Anglia	15.8	—0.7	+3.2	+3.6	+3.4	+1.7	—4	59	105
4 Midland Counties	15.7	—1.9	+3.6	+3.7	+3.7	+1.6	—1	74	125
5 England SE & Central S	15.5	—1.5	+2.7	+3.4	+3.1	+1.7	—3	67	107
6 Scotland W	12.9	—3.2	+2.1	+2.8	+2.5	+1.1	+9	154	82
7 England NW & Wales N	14.2	—2.5	+2.6	+3.3	+3.0	+1.6	+6	111	73
8 England SW & Wales S	14.8	0.7	+2.4	+3.4	+2.9	+1.5	+2	88	83
N Ireland	13.6	—0.6	+2.3	+2.4	+2.4	+0.7	+5	97	80
Scotland	14.0	—4.6	+1.9	+1.9	+1.9	+1.0	+5	162	93
England & Wales	15.8	—2.5	+3.0	+3.4	+3.2	+1.6	0	80	103

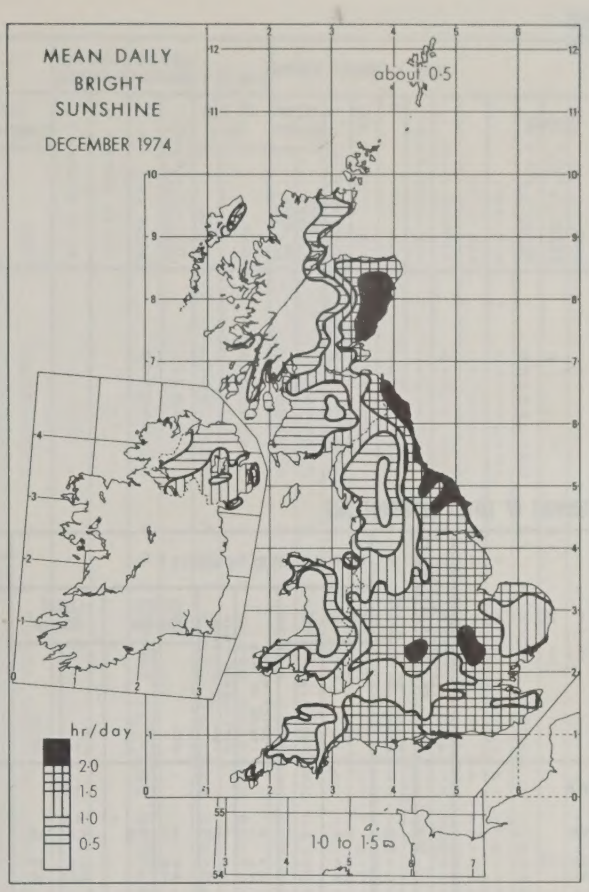
*Highest maximum and lowest minimum of District Value Stations.

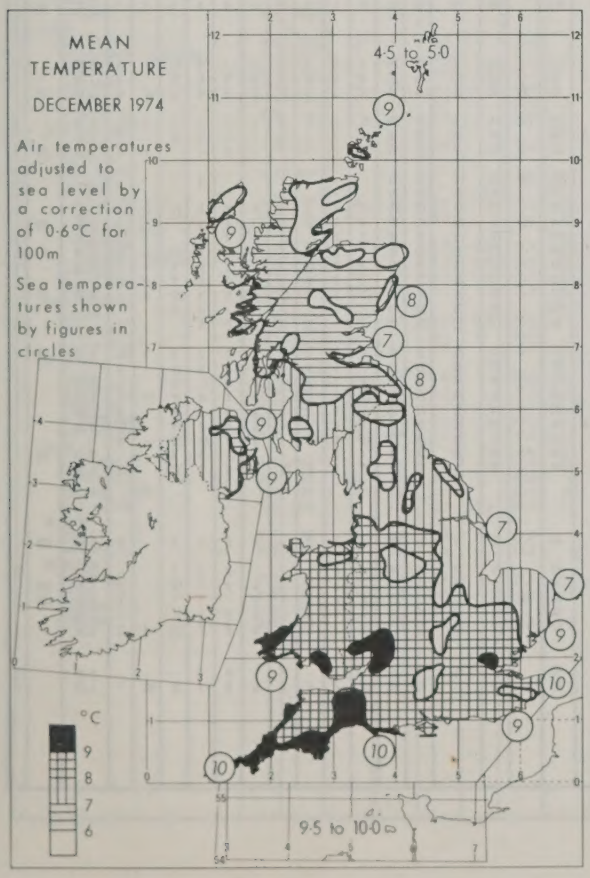
Published by Her Majesty's Stationery Office
© Crown Copyright 1974

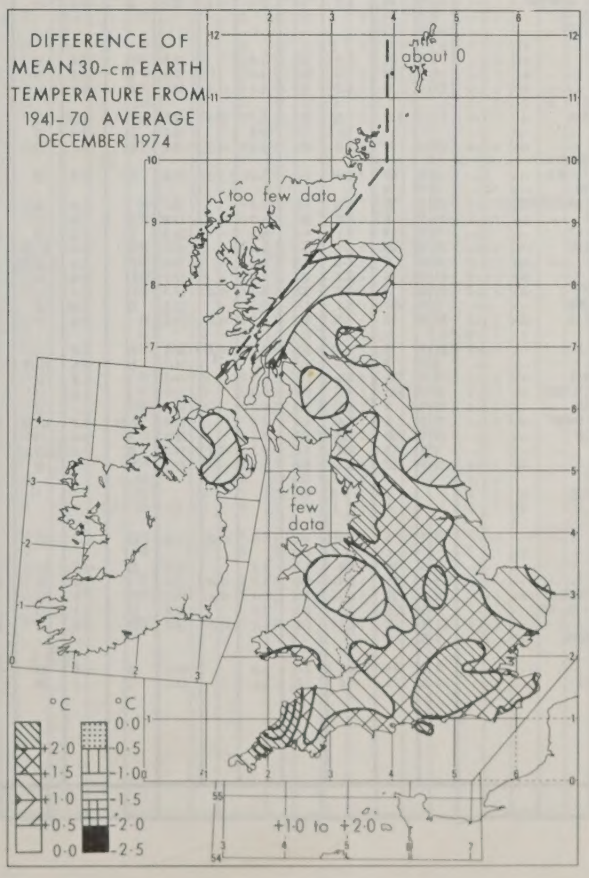
Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the Year.


RAINFALL
DECEMBER 1974
The approximate values in inches are given. The exact relation is 254 mm = 10 in
in
mm
32
800
24
600
16
400
12
300 (optional)
8
200
6
150 (optional)
4
100
3
75 (optional)
2
50
1
25
0·40
10
0·20
5
0
0
No measurable precipitation
100mm
50mm
25mm
IRISH GRID
NATIONAL GRID
U.T.M. GRID ZONE 30U
KILOMETRES
0 20 40 60 80 100 120 140 160
STATUTE MILES
0 10 20 30 40 50 60 70 80 90 100


MEAN PRESSURE
AT MSL
09 GMT
DECEMBER 1974
The dashed lines show the 1941–70 average
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1015·5
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN DAILY
BRIGHT
SUNSHINE
DECEMBER 1974
about 0·5
hr/day
2·0
1·5
1·0
0·5
1·0 to 1·5


MEAN
TEMPERATURE
DECEMBER 1974
Air temperatures adjusted to sea level by a correction of 0·6°C for 100m
Sea temperatures shown by figures in circles
4·5 to 5·0
°C
9
8
7
6
9·5 to 10·0


DIFFERENCE OF
MEAN 30-cm EARTH
TEMPERATURE FROM
1941–70 AVERAGE
DECEMBER 1974
about 0
too few data
too few data
°C
+2·0
+1·5
+1·0
+0·5
0·0
°C
0·0
-0·5
-1·0
-1·5
-2·0
-2·5
+1·0 to +2·0

SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DATE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
0 SCOTLAND N																																
ZETLAND																																
BALTASOUND	9 9	24	6.4	1.7	4.1	0.0	9.3	30	-4.1	13	5.1	-	252	187	31	19	31	30	15	2	0	2	0	0	7	-	-	14	0.32	103	S
LERWICK	21 9	82																														
PSYCHROMETER			5.9	2.6	4.3	-	9.4	1	-3.9	12	-	-	197	-	23	19	31	28	11	4	2	13	0	0	6	13	11	11	0.50	100	-
SCREEN			6.3	2.7	4.5	+0.5	9.7	1	-4.6	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORKNEY																																
KIRKWALL AIRPORT ...	21-9	26	6.9	3.6	5.3	+1.0	10.7	30	-2.0	11	-	-	147	-	18	9	30	26	12	1	8	5	0	0	4	8	8	3	0.42	55	-
STENNESS	9 9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULE SKERRY	21-9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAITHNESS																																
DOUNREAY	9 9	21	8.7	2.5	5.6	-	12.8	23	-4.0	13	-	-	116	-	14	4	27	24	4	0	0	2	0	1	3	11	-	4	0.87	-	-
KEISS	9 9	30	7.5	2.2	4.9	-	12.2	30	-3.0	13	4.3	5.6	87	-	11	17	26	20	8	3	5	3	0	0	6	15	-	0	1.30	-	-
WICK	21-9	36	6.9	3.2	5.1	+1.0	12.3	23	-2.8	11	-	-	81	94	10	26	24	18	12	3	0	11	0	0	6	13	12	0	1.14	110	-
SUTHERLAND																																
CAPE WRATH	21-9	112	7.5	3.9	5.7	+0.4	12.5	23	-2.0	12	-	-	214	175	14	3	31	29	15	1	6	9	1	1	4	3	3	15	0.24	-	S
LAIRG			7.6	2.0	4.8	-	13.1	23	-3.5	12	4.1	5.6	196	-	16	16	31	30	14	7	7	0	1	0	8	20	-	0	0.66	-	-
STRATHY	9 9	37	8.0	2.4	5.2	+1.6	13.0	23	-2.2	13	-	-	151	-	15	4	31	28	11	2	3	0	1	0	4	-	-	8	0.57	81	S
ROSS & CROMARTY																																
ACHNASHELLACH	9 9	67	(8.6)	3.1	(5.9)	(2.2)	15.5	23	-2.8	12	-	-	605	238	55	6	31	31	-	-	-	-	-	-	3	-	-	-	-	-	-
BALMACARA	9 9	4	-	-	-	-	-	-	-	-	-	-	371	-	(351)	25	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-
CONTIN(CRAIGDARROCH) ...	9 9	38	8.6	2.6	5.6	-	13.7	1	-3.0	12	-	-	208	-	21	25	29	26	14	4	1	0	0	0	5	11	-	0	-	-	-
FORTROSE	9 9	5	8.8	3.2	6.0	+1.5	13.0	23	-1.5	12	-	-	114	187	16	25	25	20	6	1	0	0	0	0	3	-	-	0	0.81	76	-
INVERPOLLY	9 9	14	9.1	4.0	6.5	-	15.9	23	-2.0	12	6.2	-	243	-	22	6	31	30	8	2	11	2	6	4	3	-	-	13	0.21	-	S
KINLOCHEWE	9 9	23	9.1	3.7	6.4	-	14.5	23	-0.6	11.13	-	-	554	-	47	19	30	30	4	3	0	1	0	0	3	12	-	0	0.18	-	-
POOLEWE	9 9	6	9.1	4.2	6.7	-	15.0	23	0.5	11.12.13	-	-	341	-	65	6	31	31	2	0	0	0	1	0	0	8	-	1	0.30	-	S
RUBH RE	21-9	16	8.7	5.1	6.9	-	12.1	23	0.0	12	-	-	220	-	21	21	31	29	7	0	0	6	0	0	0	1	0	12	-	-	-
STORNOWAY	21-9	3	7.6	3.8	5.7	+0.8	11.7	23	-2.1	11	-	-	211	-	20	21	31	31	11	1	3	12	0	0	3	10	9	7	0.55	67	-
STRATHCONON	9 9	107	8.4	2.7	5.5	-	13.8	22	(-3.0)	12	-	-	293	-	26	25	30	29	-	3	-	-	-	-	4	20	-	-	-	-	-
TARBATNESS	21-9	18	7.7	3.7	5.7	+1.5	13.2	7	-2.3	17	-	-	94	-	13	10	26	17	3	1	0	0	0	0	5	-	-	1	-	-	-
INVERNESS																																
BENBECULA	21-9	6	8.3	5.0	6.7	+1.0	12.6	23	-1.2	11	-	-	197	-	12	25	31	30	6	0	7	5	0	0	1	2	3	10	0.52	58	-
CORPACH	9 9	8	9.7	4.1	6.9	-	14.7	23	-0.5	11.12	-	-	481	-	37	19	31	31	2	3	4	0	0	0	4	11	-	0	-	-	-
DALWHINNIE	9 9	351	5.8	1.1	3.9	-	11.3	1	-5.8	12	-	-	271	-	24	16	30	27	18	7	0	0	0	8	11	15	-	5	0.33	-	S
GLENMORE LODGE ...	9 9	341	7.1	1.4	4.3	-	12.7	1	-5.6	13	-	-	129	-	16	23	29	22	11	8	0	6	0	0	10	22	17	0	0.22	-	S
INVERNESS	9 9	4	9.1	3.8	6.5	-	14.0	7	-1.1	13	-	-	103	-	14	25	27	19	5	1	0	0	0	0	2	10	-	0	1.00	-	-
ISLE OF RHUM	9 9	5	9.4	4.4	6.9	-	12.4	22.23	-0.2	12.13	6.3	7.4	385	-	38	25	31	31	1	1	1	6	0	0	2	14	-	15	0.28	-	-
LAGGANLIA	9 9	250	7.2	1.7	4.5	-	12.3	1	-4.8	13	-	-	121	-	15	25	28	23	13	8	0	1	0	0	10	16	-	0	-	-	-
ONICH	9 9	15	8.8	3.6	6.2	+1.7	14.0	22	-1.0	11.12.13	-	-	514	218	40	30	31	31	-	2	-	-	-	-	-	16	3	9	-	-	0.14	23	S
PRABOST	9 9	67	8.3	3.4	5.9	-	11.3	23	-1.7	12	-	-	342	-	29	25	31	31	2	1	2	15	1	0	3	17	-	10	0.40	-	-
1 SCOTLAND E																																
NAIRN																																
NAIRN	9 9	6	8.5	3.2	5.9	+2.0	13.6	23	-2.2	11	-	-	88	-	15	4	24	19	7	2	0	1	0	0	3	9	-	0	1.10	132	-
MORAY																																
ELGIN	9 9	15	8.6	3.3	5.9	-	14.0	23	-1.0	11.13	-	-	69	-	14	17	21	16	-	2	-	-	-	0	3	7	-	-	1.29	-	S
FORRES	9 9	50	8.4	3.6	6.0	+2.3	13.5	1	-1.6	12	4.4	5.5	70	-	12	25	23	17	7	3	0	0	0	0	4	18	-	2	1.47	109	-
GORDON CASTLE ...	9 9	32	8.7	3.5	6.1	+2.1	14.3	23	-1.5	11	-	-	65	94	15	17	22	14	6	4	0	0	0	0	3	-	-	0	1.81	166	-
GRANTOWN-ON-SPEY ...	9 9	229	7.3	1.7	4.5	-	12.4	23	-5.1	13	-	-	70	-	14	17	26	15	9	7	0	0	0	0	9	21	-	1	1.36	-	-
KINLOSS	21-9	5	8.1	4.1	6.1	+2.1	14.2	23	-2.5	11	5.8	-	61	-	10	25	23	17	9	2	0	2	0	0	4	13	8	3	1.28	-	-
LOSSIEMOUTH	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANFF																																
BANFF	9 9	24	8.5	3.4	5.9	-	14.1	1	-1.6	12	-	-	49	-	8	26	17	12	-	1	-	-	-	0	4	-	-	-	1.19	-	S
GLENLIVET	21-9	215	7.0	3.2	5.1	-	13.1	1	-4.1	26	-	-	90	-	19	17	22	19	11	4	0	0	0	0	7	15	16	1	1.57	-	S

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL MIN. HEIGHT OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1 SCOTLAND E -CONTINUED																															
ABERDEEN																															
ABERDEEN																															
DYCE AIRPORT	21-9	58	8.0	3.2	5.6	+2.3	14.5	7	-3.3	11	-	-	40	-	11	26	12	9	8	3	0	3	0	1	8	18	14	1	2.12	144	-
MANNOFIELD	9 9	52	8.5	1.6	5.1	+1.4	13.8	7	-3.6	11	-	-	32	44	9	26	17	8	5	3	0	0	0	0	9	19	-	0	2.29	156	S
BALMORAL	9 9	283	7.8	2.1	4.9	+3.2	(12.9)	1	-3.2	11	-	-	77	87	12	23	23	18	7	7	0	0	0	-	7	19	-	0	-	-	-
BRAEMAR	9 9	339	7.2	2.1	4.7	+3.0	12.1	1	-3.5	13	-	-	120	122	18	23	25	20	-	6	-	-	-	0	7	12	-	-	0.91	142	S
CRAIBSTONE	9 9	91	8.3	2.6	5.5	+2.0	14.0	7	-2.6	13	4.3	5.5	35	46	11	26	12	8	3	3	0	0	0	2	5	20	-	0	2.43	158	-
DINNET	9 9	177	8.3	1.6	4.9	-	13.7	1	-4.5	13	3.9	-	32	-	9	17	17	10	-	3	-	-	-	0	11	16	-	-	2.44	-	-
FRASERBURGH	21-9	18	8.3	3.9	6.1	-	13.0	1.30	-1.5	13	-	-	45	-	11	26	18	10	5	1	0	0	0	1	4	10	9	11	1.45	-	-
FYVIE CASTLE	9 9	66	8.1	1.9	5.0	-	13.5	1	-5.0	11	-	-	52	63	12	17	19	11	3	-	0	0	0	-	9	20	-	1	-	-	S
GARTLY	9 9	146	8.1	2.7	5.4	-	13.2	7	-2.6	13	-	-	59	-	22	17	19	11	-	-	-	-	-	-	4	16	-	-	-	-	-
INVERURIE SEWAGE WORKS	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINCARDINE																															
BANCHORY	8 8	77	8.9	3.2	6.1	-	14.0	1.7	-2.7	11	-	-	27	-	8	17	15	7	8	3	0	1	0	0	6	17	16	2	2.21	-	-
FETTERCAIRN	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONEHAVEN	9 9	4	8.6	2.7	5.7	+1.8	13.2	1	-2.3	12	-	-	42	-	11	26	12	11	2	2	0	0	0	0	6	-	-	0	2.53	176	-
ANGUS																															
ARBROATH	9 9	28	8.7	3.8	6.3	-	12.7	1	(-3.6)	13	-	-	48	-	7	15	17	14	1	1	0	0	0	0	3	8	-	0	2.31	152	-
BUDDON NESS	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNDEE	9 9	45	8.6	3.8	6.2	+2.6	12.8	23	-1.9	13	4.3	-	55	86	10	25	19	13	4	2	0	0	0	0	2	15	-	1	1.87	127	-
MONTROSE	9 9	57	8.4	2.8	5.6	-	13.1	1	-2.3	13	-	-	44	68	11	26	19	10	3	2	0	0	0	0	4	19	-	2	-	-	-
MYLNEFIELD	9 9	30	8.7	3.3	6.0	-	13.0	1	-4.1	13	4.9	6.4	55	-	10	25	20	13	3	3	0	0	0	0	3	17	-	0	2.01	-	-
USAN	21-9	30	7.9	3.6	5.7	-	12.6	1	-2.4	13	-	-	36	-	8	26	14	10	1	1	0	0	0	0	4	11	10	2	2.31	-	-
WHITEHILLOCKS	9 9	258	8.1	2.1	5.1	-	13.0	7	-5.8	13	-	-	116	-	23	26	23	14	5	5	0	0	0	0	7	13	-	0	-	-	S
PERTH																															
ABERFOYLE	9 9	27	9.0	3.2	6.1	-	12.5	1	-3.5	13	-	-	345	-	35	25	31	31	-	-	-	-	-	-	3	10	-	-	-	-	-
ARDTALNAIG	9 9	130	8.5	3.5	6.0	-	12.2	1	-1.9	13	-	-	227	-	22	25	31	25	7	3	0	0	0	0	3	15	-	2	0.26	-	-
ASHINTULLY CASTLE	9 9	341	6.3	1.1	3.7	-	10.8	1	-4.6	13	-	-	117	-	12	17	24	20	10	13	0	0	0	0	13	18	-	0	-	-	-
BLAIRGOWRIE	9 9	70	8.6	2.1	5.3	-	13.5	7	-5.9	13	4.0	-	80	-	12	16	20	15	-	-	-	-	-	-	9	16	-	-	1.50	-	S
CALLANDER	9 9	107	8.5	2.6	5.5	-	11.6	24	-3.0	13	-	-	340	-	32	25	31	29	7	4	0	0	0	0	4	10	-	1	-	-	-
DALL	9 9	232	7.5	1.6	4.5	-	12.6	1	-4.9	12	-	-	293	-	29	16	31	30	15	11	0	4	0	0	12	-	-	8	-	-	-
DRUMMOND CASTLE	9 9	113	8.7	2.9	5.8	-	12.9	7	-3.1	13	5.1	-	222	-	28	25	26	22	4	3	0	0	0	-	2	20	-	0	0.75	-	S
DUNBLANE	- -	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FASKALLY	9 9	94	8.5	2.2	5.3	-	13.4	1	-3.7	13	4.3	6.0	157	-	27	16	27	22	9	7	0	0	0	0	9	17	-	0	-	-	-
GLENEAGLES	9 9	152	8.5	2.0	5.3	-	12.3	1	-4.5	13	-	-	166	-	21	25	30	23	6	-	0	1	0	0	9	17	-	2	1.08	-	S
KINDROGAN	9 9	259	7.3	1.4	4.3	-	12.0	1	-4.4	12	-	-	152	-	24	16	27	24	12	11	0	1	0	1	10	20	-	4	-	-	-
PERTH	9 9	23	9.5	3.9	6.7	+3.4	14.4	8	-1.7	13	-	-	78	99	16	25	21	15	1	0	0	0	0	1	2	6	-	0	1.46	136	-
PITLOCHRY	9 9	144	7.9	2.2	5.1	-	12.8	1	-3.9	13	-	-	141	-	23	16	30	23	6	5	0	0	0	0	6	20	-	0	1.21	-	-
STRATHALLAN	9 9	41	9.2	3.6	6.4	-	13.6	1	-1.9	13	-	-	96	-	15	25	23	18	4	3	0	0	0	0	3	18	-	6	-	-	-
KINROSS																															
KINROSS	9 9	116	-	2.8	-	-	-	-	-2.0	12	5.0	-	127	-	14	26	26	22	-	0	-	-	-	-	6	-	-	-	1.03	-	-
FIFE																															
BELLISTON	9 9	82	8.3	3.7	6.0	-	12.4	1	-3.9	13	5.5	-	68	-	10	26	19	14	2	1	0	0	0	2	3	13	-	2	-	-	-
GLENROTHES (GLENWOOD)	9 9	117	8.1	3.0	5.5	-	12.6	23	-2.5	13	-	-	108	-	13	26	26	22	-	-	-	-	-	-	3	19	-	-	1.44	-	-
KIRKCALDY	9 9	32	9.1	4.1	6.6	+3.0	13.5	2	0.2	13	-	-	99	-	(15)	16	20	19	4	0	0	0	0	0	14	-	1	1	1.35	113	-
LEUCHARS	21-9	10	8.4	4.0	6.2	+2.3	13.6	1	-3.6	13	-	-	50	88	7	25	19	12	5	2	0	0	0	0	4	10	10	2	1.97	175	-
PITTREAVIE	21-9	40	8.5	4.9	6.7	-	13.5	23	-2.0	13	-	-	103	-	15	16	27	19	4	1	3	0	0	0	2	5	8	4	-	-	-
ST ANDREWS	9 9	18	8.7	4.2	6.5	-	13.3	1	-2.6	13	4.9	6.3	52	87	10	26	20	12	2	2	0	0	0	0	3	6	-	0	1.84	-	-
WEST LOTHIAN																															
LIVINGSTON	9 9	125	8.3	3.4	5.9	-	12.3	1	-2.6	11	-	-	135	-	21	16	27	20	3	2	0	0	0	0	4	10	-	0	-	-	-
MIDLOTHIAN																															
BUSH HOUSE	9 9	184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EDINBURGH																															
BLACKFORD HILL	9 9	134	8.6	3.6	6.1	+1.8	13.5	23	-2.2	13	-	-	85	156	14	16	23	19	6	3	0	0	0	1	3	5	-	0	1.42	96	-
EAST CRAIGS	9 9	61	8.9	4.2	6.5	-	13.6	23	-1.7	13	5.5	-	89	-	16	16	21	18	5	0	2	0	0	0	2	13	-	0	1.37	-	S
ROYAL BOTANIC GARDEN	9 9	26	9.3	4.5	6.9	+2.8	14.4	23	-1.5	13	5.2	-	91	171	21	16	22	17	5	0	0	0	0	0	2	14	-	1	1.26	106	-
TURNHOUSE AIRPORT	21-9	35	8.7	4.8	6.7	+2.8	13.8	23	-1.7	13	-	-	85	-	15	16	24	19	6	0	0	2	0	0	3	12	9	3	1.19	93	-
PENICUIK	9 9	189	8.0	3.3	5.7	+2.7	13.1	22	-3.0	13	4.6	-	134	-	24	16	25	22	5	5	0	1	0	0	3	13	-	5	0.68	67	S
ROSLIN	9 9	152	8.6	3.5	6.1	-	12.9	23	-2.7	13	-	-	102	-	15	16	22	22	3	2	0	0	0	0	4	14	-	0	1.17	-	-
EAST LOTHIAN																															
DUNBAR	9 9	23	9.5	4.2	6.9	+2.2	14.0	1	-2.7	13	-	-	48	-	11	28	17	10	2	1	0	0	0	0	3	6	-	2	1.62	99	-
HADDINGTON	9 9	49	9.3	4.1	6.7	-	13.5	1	-2.6	13	-	-	61	-	12	16	18	13	4	1	0	1	0	0	2	9	-	3	1.30	-	S
NUNRAW ABBEY	9 9	195	8.2	3.0	5.6	-	12.7	1	-4.6	13	-	-	67	-	15	16	24	13	6	1	0	2	0	0	3	-	-	4	-	-	-
BERWICK																															
BLYTHE	9 9	262	7.6	2.4	5.0	-	12.0	1	-4.8	13	-	-	99	-	15	16	27	21	-	5	-	-	-	1	5	14	-	-	1.62	-	-
LEITHOLM	9 9	64	9.1	3.5	6.3	-	13.5	23	-4.3	13	5.5	-	67	-	9	25	22	13	3	3	0	1	0	0	4	14	-	5	1.95	-	-
MARCHMONT	9 9	152	8.4	3.0	5.7	+2.4	12.2	1.23	-3.7	13	-	-	68	113	11	16	23	14	5	3	0	0	0	0	5	-	-	1	1.55	121	S
ST ABBS HEAD	21-9	75	9.3	4.6	6.9	+2.1	13.5	1	-1.0	13	-	-	-	-	-	-	-	-	2	1	0	0	0	1	3	4	6	9	-	-	-
WHITCHESTER	9 9	255	7.5	2.4	4.9	-	11.8	1	-5.0	13	-	-	73	101	11	16	26	17	7	5	0	1	0	-	7	-	-	8	-	-	-
PEEBLES																															
BLYTH BRIDGE	9 9	253	7.5	2.6	5.1	-	11.9	23	-4.9	11	-	-	159	-	16	9	31	23	7	5	0	0	0	0	4	16	-	7	0.76	-	-
GLENTRESS	9 9	165	8.5	3.0	5.7	-	13.0	1	-3.5	13	-	-	103	-	14	25	24	23	-	3	-	-	-	1	4	-	-	-	-	-	-
STANHOPE FARM	9 9	226	8.0	3.4	5.7	-	12.1	23	-4.2	11.13	-	-	185	-	23	25	27	26	6	2	0	0	0	0	3	16	-	1	-	-	-
WEST LINTON	9 9	244	7.6	2.6	5.1	+2.8	12.3	23	-4.9	12	4.4	5.3	160	170	17	9	30	26	4	3	0	0	0	0	5	10	-	0	-	-	-
SELKIRK																															
BOWMILL	9 9	168	8.5	3.4	5.9	-	12.0	1	-2.8	13	-	-	129	-	21	16	27	22	7	3	0	0	0	0	3	-	-	4	-	-	-
GALASHIELS	9 9	198	8.4	3.3	5.9	-	12.0	1	-2.6	13	-	-	110	-	17	25	29	20	6	2	0	2	1	0	3	9	-	2	1.54	-	-
ROXBURGH																															
GREYCROOK	9 9	76	9.0	3.7	6.3	-	12.5	1.23	-4.0	13	-	-	71	-	11	25	24	15	3	1	0	0	0	-	4	-	-	4	-	-	-
KELSO	9 9	34	9.4	4.4	6.9	-	13.6	23	-3.5	13	-	-	60	-	11	25	21	10	3	2	0	0	0	0	2	9	-	0	-	-	S
SOURHOPE	9 9	221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAUCHOPE	9 9	155	8.2	3.3	5.7	-	12.3	8	-4.5	13	-	-	120	-	19	21	25	17	5	3	0	0	0	0	3	-	-	7	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(IGHT) OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	RAINFALL PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	BRIGHT SUNSHINE PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
6 SCOTLAND W																															
ARGYLL																															
ACHAGLACHGACH	9 9	12	9.0	4.4	6.7	-	12.4	1	-0.4	13.18	-	-	247	-	19	25	30	30	-	-	-	-	2	10	-	-	-	-	-
AROS	9 9	37	9.4	4.0	6.7	-	12.6	22	0.1	12	-	-	343	-	25	30	31	31	1	0	0	7	2	0	0	12	-	0	-	-	-
BENMORE(YOUNGER BOTANIC GARDEN) ...	9 9	12	9.2	4.5	6.9	-	13.0	1	-0.5	13	-	-	441	-	29	25	31	31	4	2	3	3	1	1	1	9	-	4	-	-	-
COLONSAY	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNSTAFFNAGE	9 9	3	9.1	4.6	6.9	-	12.2	1	0.4	11	-	-	307	-	27	19	31	31	4	0	1	6	2	0	0	16	-	3	-	-	-
GLENBRANTER	9 9	24	9.5	3.9	6.7	-	13.8	23	-0.5	12	-	-	425	-	32	19	31	31	3	1	4	1	2	0	3	13	-	4	-	-	-
KNAPDALE FOREST ...	9 9	40	9.1	4.3	6.7	-	12.2	1	0.5	11	-	-	281	-	21	25	31	31	0	0	2	1	2	0	0	11	-	0	-	-	-
MACHRIHANISH	21-9	10	9.5	5.9	7.7	-	13.3	1	1.2	12.17	-	-	153	-	16	16	31	27	5	0	2	7	0	0	0	4	2	12	0.96	-	-
POLLOCH	9 9	10	9.7	3.9	6.8	-	13.5	1	-0.5	12	-	-	435	-	43	7	31	31	-	0	-	-	-	-	1	11	-	-	-	-	-
PORT ELLEN	9 9	18	9.5	5.1	7.3	-	12.6	1	0.6	11	-	-	158	-	(15)	7	31	28	-	-	-	-	-	-	0	-	-	-	-	-	-
RHUVAAL	21-9	20	9.6	5.2	7.4	-	12.4	1.2	1.4	11	-	-	219	-	21	31	31	30	0	0	0	2	0	0	0	0	1	10	-	-	-
TIREE	21-9	9	8.6	5.5	7.1	+0.9	11.2	1	0.5	11	-	-	179	138	17	28	31	30	5	0	1	14	0	0	0	4	1	11	0.53	56	-
BUTE																															
BRODICK CASTLE	9 9	15	9.8	5.3	7.5	-	12.8	1	0.6	11	6.7	-	345	-	40	25	31	31	0	0	5	1	3	0	0	6	-	5	-	-	-
KILDONAN	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTHESAY	9 9	43	9.0	4.7	6.9	-	13.0	1	0.0	11	5.9	6.7	221	-	15	16	31	31	3	1	1	1	1	0	0	7	-	0	0.97	-	-
DUNBARTON																															
ARROCHYMORE	9 9	37	9.4	4.2	6.8	-	12.7	1	-1.3	13	-	-	279	-	35	25	31	29	-	0	-	-	-	0	2	11	-	-	0.70	-	-
CUMBERNAULD	9 9	94	8.2	3.1	5.7	-	12.5	1	-2.5	11	-	-	183	-	23	16	29	27	5	3	0	0	0	0	3	10	-	1	-	-	-
FINNART	9 9	15	9.8	4.4	7.1	-	12.7	30	0.0	11	-	-	363	-	26	19	31	31	8	3	5	0	1	0	0	-	-	1	-	-	-
HELENSBURGH	9 9	89	8.4	3.7	6.1	+2.2	11.8	1	-1.5	13	-	-	284	-	29	25	31	31	6	2	0	4	0	2	2	-	-	-	0.98	-	-
SLOY	21-9	12	9.3	5.1	7.2	-	14.0	1	-2.0	13	-	-	563	-	44	19	31	31	9	-	0	4	0	0	1	-	-	0	-	-	-
STIRLING																															
EARLS HILL	21-9	335	6.5	2.0	4.3	-	10.0	1	(-3.9)	13	-	-	-	-	-	-	-	-	9	-	0	1	3	2	7	12	11	21	0.81	-	-
FALK(RK(SEWAGE WORKS)	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANGEMOUTH																															
B.P. REFINERY ...	9 9	2	9.5	4.4	6.9	-	13.6	1	-0.7	13	-	-	115	-	(18)	16	27	20	-	-	-	-	-	1	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9 9	4	9.4	4.5	6.9	-	13.3	1	-1.0	13	-	-	119	-	18	16	27	21	-	-	-	-	-	1	9	-	-	-	-	-	-
PARKHEAD	9 9	107	9.3	3.3	6.3	-	13.2	23	-2.0	17	4.7	-	147	-	18	16	27	25	-	2	-	-	-	0	6	-	-	-	-	-	-
STIRLING(BATTERFLATS)	9 9	38	9.2	3.8	6.5	-	12.7	1	-3.0	13	5.3	6.3	167	-	20	16	28	24	5	3	0	0	0	0	3	14	-	0	1.15	-	-
RENFREW																															
ABBOTSINCH AIRPORT ...	21-9	5	8.8	5.1	6.9	+2.7	12.8	1	-0.9	13	-	-	156	-	19	25	31	25	8	2	2	3	2	0	2	8	8	4	1.21	123	-
BARRHEAD	9 9	30	9.3	4.3	6.8	-	13.0	1	-1.4	13	-	-	213	169	37	25	31	27	4	1	0	3	1	0	1	5	-	4	-	-	-
GREENOCK	9 9	61	8.8	4.6	6.7	+1.8	12.4	1	-0.2	11	-	-	277	159	23	19	31	30	3	1	0	2	0	0	1	4	-	0	0.72	114	S
PAISLEY	9 9	32	9.1	4.7	6.9	+2.4	12.7	1	-0.2	11	5.7	7.3	181	151	23	25	31	26	2	1	0	2	0	0	1	6	-	3	0.96	110	-
LANARK																															
CAMPS RESERVOIR ...	9 9	295	7.3	2.2	4.7	-	11.4	1	-5.3	11	-	-	200	-	22	25	28	27	10	4	0	0	0	1	6	-	-	8	0.00	-	S
CARNWATH	9 9	208	7.6	2.3	4.9	-	11.7	1	-4.9	13	5.0	-	169	-	21	9	28	26	9	5	3	0	0	0	5	16	11	13	-	-	-
COATBRIDGE	9 9	78	8.3	-	-	-	13.5	23	-	-	-	-	145	-	26	25	27	25	2	2	0	3	1	0	-	-	-	0	-	-	-
CRAWFORDJOHN	9 9	274	7.4	2.2	4.8	-	11.5	1	-5.2	11	5.0	-	-	-	-	-	-	-	6	3	0	1	1	0	5	11	9	9	0.80	-	-
EAST KILBRIDE	9 9	176	8.1	3.1	5.6	-	11.8	1	-1.4	11	-	-	208	-	22	25	29	26	3	3	0	2	1	-	4	16	-	4	1.10	-	-
GLASGOW(SPRINGBURN) ...	9 9	107	8.2	3.7	5.9	+2.4	12.1	1	-1.4	13	-	-	157	153	20	25	31	26	4	2	2	3	1	1	3	16	-	3	1.12	132	-
LANARK	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47	-	S
LEADHILLS	9 9	388	6.6	1.8	4.2	-	10.5	1	-6.0	11	-	-	330	-	36	16	30	29	11	7	1	2	0	0	7	15	-	9	-	-	-
SALSBURGH	9 9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYR																															
AUCHINCRUIVE	9 9	45	9.4	4.8	7.1	+2.6	12.9	1	0.4	11.12	6.7	7.3	163	173	18	25	31	28	4	0	0	4	1	0	0	4	-	0	0.83	69	-
CUMNOCK	9 9	99	8.9	3.5	6.2	-	13.4	8	-2.0	11	-	-	202	-	23	16	30	27	4	0	1	1	1	0	3	8	-	2	-	-	-
GIRVAN	9 9	8	9.9	5.9	7.9	-	13.2	1	1.5	11	-	-	129	-	21	10	31	22	0	0	0	4	0	0	0	0	-	11	0.68	-	-
LARGS	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.86	-	-
PRESTWICK	21-9	16	9.0	5.7	7.3	-	13.3	1	0.2	11.12	-	-	140	-	16	25	30	27	2	0	0	2	1	0	0	3	3	2	0.86	-	-
DUMFRIES																															
AUCHEN CASTLE	9 9	184	-	-	-	-	-	-	-	-	-	-	251	-	(33)	25	31	26	-	-	-	-	-	-	-	-	-	-	-	-	-
DUMFRIES	9 9	49	9.4	4.7	7.1	+3.2	12.6	1	-1.2	13	6.2	6.9	119	-	13	28	28	24	1	-	0	1	0	0	1	10	-	3	1.41	116	-
ESKDALEMUIR	21-9	242																													
PSYCHROMETER			7.1	3.7	5.4	-	10.9	1.23	-2.8	13	5.6	6.9	287	185	32	25	29	28	9	5	0	2	0	1	5	9	8	9	0.60	47	-
SCREEN			7.3	3.7	5.5	+3.0	11.4	23	-3.2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
KIRKCUDBRIGHT																															
BARGRENNAN	9 9	110	8.3	3.0	5.7	-	11.2	1	-1.7	25	-	-	187	-	19	26	30	29	3	3	2	2	2	0	5	19	-	0	-	-	-
CLATTERINGSHAWS ...	9 9	178	7.9	3.6	5.7	-	10.5	1.7	-1.6	13	-	-	296	-	24	25	31	30	6	0	0	6	0	0	3	-	-	22	0.70	-	-
DUNDEUGH	9 9	119	9.3	3.8	6.5	-	12.1	2	-1.7	17	5.9	-	221	-	24	26	30	26	3	2	0	1	0	0	4	-	-	0	-	-	-
GIRDSTINGWOOD	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.15	-	-
GLENLEE	9 9	55	9.3	4.4	6.9	+3.2	12.6	1	-0.8	13	-	-	260	148	23	26	31	29	-	0	-	-	-	0	1	7	-	-	-	-	-
GLENLOCHAR BARRAGE ...	9 9	47	8.9	4.6	6.7	-	11.9	1	-0.4	13	-	-	143	-	23	25	30	25	2	0	0	1	0	0	1	-	-	6	-	-	-
PALNURE	9 9	15	9.4	3.8	6.6	-	12.5	1.2	-0.2	14	-	-	132	-	17	28	30	25	1	0	0	1	0	5	1	7	-	0	-	-	-
THE LAKE	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THREAVE	9 9	73	8.8	4.5	6.7	-	11.8	1	-0.6	13	5.8	-	129	99	19	25	29	25	5	1	1	2	0	1	2	8	-	0	-	-	-
WIGTOWN																															
NEWTON STEWART	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENWHIRN	9 9	166	8.3	-	-	-	10.5	1.8	-	-	-	-	150	-	18	28	30	27	-	-	-	-	-	0	-	-	-	-	0.74	-	-
2 ENGLAND E & NE																															
NORTHUMBERLAND																															
ACKLINGTON	21-9	42	9.1	4.8	6.9	+2.9	14.1	1	-2.6	13	-	-	43	-	9	28	16	10	4	2	0	1	0	0	3	8	10	4	2.39	148	-
BERWICK-ON-TWEED ...	9 9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORBRIDGE	9 9	49	9.7	4.2	6.9	-	13.9	23	-3.0	13	-	-	62	-	14	28	21	14	4	0	0	1	0	0	2	9	-	0	-	-	-
HAYDON BRIDGE	9 9	79	9.6	3.9	6.7	-	14.1	23	-2.7	13	5.5	6.2	90	-	16	28	26	17	3	2	0	0	0	0	4	-	-	2	-	-	-
KIELDER CASTLE	9 9	201	7.9	2.9	5.4	+3.3	11.8	23	-5.2	13	5.4	-	234	-	36	21	29	24	6	4	0	0	0	1	5	16	-	7	-	-	-
SEAHOUSES	21-9	11	9.3	5.2	7.3	-	13.6	1	-1.4	13	-	-	47	-	9	22	18	14	2	1	1	0	0	0	3	9	7	13	2.38	-	-
TYNE & WEAR																															
CHOPWELLWOOD	9 9	136	8.9	3.9	6.4	+2.9	13.0	27	-3.0	13	-	-	41	71	7	28	19	14	3	2	0	0	0	0	4	9	-	1	-	-	-
TYNEMOUTH	21-9	29	9.5	6.2	7.9	+3.0	14.1	27	-0.6	13	-	-	33	64	7	28	16	9	4	0	0	0	0	0	1	8	-	4	2.04	165	-
WASHINGTON	9 9	27	10.2	4.4	7.3	-	14.2	27	-0.8	13	5.8	6.8	37	-	9	25	16	10	3	1	0	0	0	0	2	-	-	1	2.04	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX TERMINAL (GMT) OF OBSERVATION	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
2 ENGLAND E & NE -CONTINUED																																
DURHAM																																
DURHAM	9	9	102	9.6	3.6	6.6	+2.9	12.9	28	-2.5	13	5.2	6.8	36	67	11	25	18	9	-	1	-	-	-	1	4	17	-	-	1.98	132	-
CLEVELAND																																
HARTBURN GRANGE ...	9	9	31	9.9	3.9	6.9	-	13.5	27	-1.8	13	-	-	29	-	4	5	18	13	3	0	0	0	0	0	4	13	-	3	1.99	-	-
HARTLEPOOL ...	9	9	9	10.3	5.2	7.7	+3.0	13.8	27	-0.7	13	-	-	39	-	7	25	17	13	3	2	0	0	0	0	1	-	-	2	2.02	-	-
MARTON	9	9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH YORKSHIRE																																
ASKHAM BRYAN	9	9	34	10.2	4.0	7.1	-	13.8	2	-1.7	12	-	-	46	96	10	10	20	13	1	0	0	0	0	1	5	14	-	1	1.73	137	5
CAWOOD	9	9	6	10.2	4.6	7.4	-	14.3	28	-1.5	13	6.1	6.9	46	-	15	10	17	13	1	0	0	0	0	0	2	11	-	3	1.71	-	-
FILEY	9	9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HIGH MOWTHORPE	9	9	175	8.5	(3.4)	(5.9)	-	12.5	28	-1.9	13	5.0	-	30	-	7	10	16	11	3	2	1	1	0	0	4	12	-	1	(1.75)	-	-
LEEMING	21	9	32	10.0	5.9	7.9	-	14.2	27	-1.6	13	-	-	37	-	7	25	17	10	4	0	0	0	0	1	8	6	2	2	2.11	-	-
MALHAM TARN	9	9	395	6.5	2.9	4.7	+2.6	10.1	27.28	-1.7	13.14	4.9	-	191	-	20	25	29	27	4	4	4	1	1	4	6	12	-	0	-	-	-
PICKERING	9	9	44	9.4	3.4	6.4	-	13.3	27	-1.7	13	-	-	41	-	6	10	21	11	3	3	0	0	1	0	8	13	-	0	-	-	-
SCARBOROUGH	9	9	53	9.8	4.6	7.2	-	13.7	27	0.0	13	5.3	6.6	37	62	13	10	17	10	3	0	0	1	1	0	0	11	4	9	2.00	168	-
SILPHO MOOR	9	9	203	8.6	3.2	5.9	-	12.5	27	-2.3	13	4.7	-	50	-	9	25	18	14	3	3	0	0	1	0	4	16	-	0	-	-	-
WHITBY(COASTGUARD) ...	21	9	60	9.3	5.0	7.1	-	14.3	27	0.0	12.13	-	-	27	-	8	10	11	8	3	0	0	0	0	0	0	2	2	12	-	-	-
YORK(MESLINGTON) ...	9	9	20	10.3	4.5	7.4	-	14.1	27	-0.6	13	6.3	7.0	41	-	10	10	15	11	0	0	0	0	0	0	2	9	-	0	2.04	-	-
HUMBERSIDE																																
BRIDLINGTON	9	9	48	(10.8)	(3.6)	(7.2)	-	14.6	1	-2.1	30	-	-	41	-	14	10	15	12	2	2	0	1	1	1	6	11	-	1	(1.96)	-	-
BRIGG	9	9	3	10.3	4.5	7.4	-	14.2	27	-0.4	13	-	-	33	-	8	10	14	9	2	1	0	0	0	1	1	12	-	3	-	-	-
CLEETHORPES	9	9	7	10.2	4.8	7.5	+3.0	14.0	8.27.28	-1.0	12	-	-	25	49	6	10	12	8	-	0	-	-	-	0	1	-	-	-	1.93	130	-
HULL	9	9	2	10.3	4.9	7.6	+3.1	14.2	27	0.1	14	6.0	7.9	40	74	13	10	18	10	2	0	0	0	0	0	0	14	-	0	-	-	-
KILNSEA	21	9	12	8.9	5.3	7.1	-	13.3	28	0.0	11	-	-	28	-	7	11	13	8	4	1	-	0	0	1	0	-	-	10	2.08	-	-
LINCOLNSHIRE																																
BINBROOK	21	9	108	8.6	4.5	6.5	-	13.1	27.28	-0.6	12.13	-	-	27	-	4	10	14	11	6	2	0	1	0	1	3	9	8	3	1.70	-	-
CRANWELL	9	9	62	10.0	4.5	7.3	+3.4	14.2	28	-1.1	13	6.0	6.3	38	84	6	16	17	10	3	0	0	0	0	0	2	6	2	2	1.88	111	-
LINCOLN	9	9	7	10.2	4.8	7.5	+3.8	14.1	27	-1.7	13	6.4	7.1	33	-	7	10	17	11	2	0	0	0	1	0	4	9	-	0	1.70	-	5
SKEGNESS	9	9	5	10.0	4.8	7.4	+3.0	14.5	27.28	-0.5	11	-	-	31	60	7	10	14	8	2	0	0	0	0	0	2	13	-	0	1.93	127	-
WADDINGTON	21	9	68	9.6	5.5	7.5	+3.6	14.3	28	-0.8	13	-	-	34	-	8	10	16	12	4	0	0	0	0	0	1	7	6	0	1.84	122	-
3 EAST ANGLIA																																
NORFOLK																																
COLTISHALL	21	9	17	10.0	5.6	7.8	-	15.7	28	0.4	12	-	-	38	-	7	10	15	9	3	0	1	2	1	0	0	3	1	2	-	-	-
COSTESSEY ...	9	9	20	10.1	5.2	7.7	-	15.4	28	0.0	12	-	-	43	-	7	26	18	10	2	0	0	0	0	0	0	12	-	3	-	-	-
CROMER	9	9	54	10.5	4.8	7.7	+3.0	14.9	28	-0.3	13	-	-	27	46	6	16	15	9	1	0	1	0	1	1	1	-	-	1	1.84	114	-
EAST DEREHAM	9	9	53	9.8	4.6	7.2	-	15.4	28	-0.4	12	-	-	47	-	9	10	15	10	2	1	0	1	0	0	1	7	-	0	-	-	-
GORLESTON	21	9	4	9.8	5.9	7.9	+2.8	15.5	28	0.6	12	6.8	8.1	26	46	6	27	9	8	1	0	0	0	0	0	0	8	5	0	1.49	93	-
MARHAM	21	9	23	9.9	5.5	7.7	-	16.0	28	0.2	11.12	-	-	34	-	7	26	17	8	5	0	0	0	0	0	0	5	5	0	1.53	-	-
MORLEY ST BOTOLPH ...	9	9	48	9.8	4.8	7.3	-	15.0	28	-0.1	12	6.2	-	46	-	9	16	16	10	2	0	0	0	0	0	1	10	-	0	1.34	-	-
SANTON DOWNHAM	9	9	24	10.2	4.7	7.5	-	15.8	28	-3.0	30	6.3	7.2	39	-	9	10	15	10	-	0	-	-	-	0	4	12	-	-	1.18	-	-
SCOLE	9	9	27	10.1	5.0	7.5	-	15.8	28	0.0	12	5.8	6.7	38	-	9	10	16	9	3	0	0	0	2	0	0	6	-	0	1.28	-	-
TERRINGTON ST CLEMENT	9	9	3	10.0	4.9	7.5	+3.3	14.9	28	-0.1	12	6.6	-	27	-	6	10	14	8	2	0	0	0	0	0	1	8	-	0	1.53	108	-
CAMBRIDGESHIRE																																
BOXWORTH	9	9	44	10.4	4.9	7.7	-	15.8	28	-0.5	13	-	-	22	-	8	26	12	7	1	0	1	0	1	0	2	10	-	0	1.83		
CAMBRIDGE																																
BOTANIC GARDENS ...	9	9	12	11.0	5.6	8.3	+4.1	15.8	28	0.5	13.30	6.7	7.6	25	54	7	26	11	7	2	0	1	0	0	0	0	6	-	1	-	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9	9	26	10.6	5.7	8.1	-	15.9	28	0.2	13	-	-	28	-	9	26	12	9	2	0	0	0	0	0	0	7	-	0	1.68	108	-
MARCH	9	9	2	(10.6)	(4.8)	(7.7)	-	15.6	29	0.0	13	-	-	31	67	8	16	11	8	-	0	-	-	-	0	-	-	-	-	-	-	-
MEPAL	9	9	1	(10.6)	4.9	(7.7)	-	15.8	28	-0.2	13.14	7.4	9.2	31	-	6	25	15	8	2	0	0	0	1	0	2	8	-	0	1.69	-	-
MONKS WOOD	9	9	40	10.5	5.1	7.8	-	16.0	28	0.2	25	6.6	7.9	18	-	5	26	12	6	0	0	0	0	0	0	0	12	-	0	1.94	-	-
WITTERING	9	9	73	9.8	5.7	7.7	-	15.4	28	-0.3	13	-	-	31	-	11	10	14	10	2	0	1	0	0	0	1	7	4	0	1.91	-	-
WYTON	21	9	40	10.2	6.1	8.1	-	16.1	28	0.2	13	-	-	30	-	9	25	11	8	1	0	0	1	1	0	0	7	5	0	-	-	-
SUFFOLK																																
ALDEBURGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.55	-	-
BROOMS BARN	9	9	75	10.2	5.2	7.7	-	15.0	28	0.2	12	6.0	7.0	33	-	7	10	13	10	3	0	0	0	1	0	0	4	-	0	1.50	-	-
EAST BERGHOLT	9	9	4	10.6	5.0	7.8	-	15.9	28	-0.2	12	-	-	28	-	5	26	13	9	2	0	1	0	1	0	1	12	-	2	-	-	-
HONINGTON	21	9	50	9.9	5.9	7.9	-	15.8	28	-0.1	12	-	-	30	-	8	26	15	10	2	0	0	2	1	0	1	5	3	0	1.38	-	-
LOWESTOFT	9	9	25	9.7	4.9	7.3	+2.6	15.0	28	-0.4	12	6.3	7.2	25	46	6	10	11	8	3	0	1	0	0	0	1	2	4	1	1.15	71	5
WATTISHAM	21	9	89	9.4	5.1	7.3	-	15.9	28	-0.6	12	-	-	26	-	6	26	13	9	3	0	1	1	1	0	2	8	9	0	1.26	-	-
BEDFORDSHIRE																																
CARDINGTON	21	9	29	10.4	5.7	8.1	-	15.7	28	-0.5	13	7.1	7.9	28	-	7	26	11	8	2	0	0	1	1	0	2	8	5	0	2.08	-	-
LUTON	9	9	159	(10.5)	(4.4)	(7.5)	-	15.0	28	-1.9	12	7.0	8.1	37	-	13	26	11	7	-	0	-	-	-	0	4	111	-	-	2.05	-	-
SILSOE	9	9	61	10.4	5.2	7.8	+3.7	14.5	28.29	-0.3	14	6.4	7.8	27	-	9	26	11	7	2	0	1	0	1	0	2	8	7	-	1.93	118	-
WOBURN	9	9	89	10.2	5.3	7.7	+3.8	14.8	28	-1.0	13	6.9	8.3	34	62	8	25	15	8	1	0	0	0	1	0	2	9	-	0	1.67	109	-
HERTFORDSHIRE																																
ALDENHAM SCHOOL ...	9	9	91	9.9	5.0	7.5	-	14.1	28	-0.5	10.13	7.1	-	40	-	9	26	18	10	0	0	1	0	0	0	2	10	-	1	-	-	-
GARSTON	9	9	78	10.5	5.4	7.9	-	14.6	28	0.0	13	-	-	43	-	11	26	16	11	2	0	0	0	1	0	0	10	10	0	1.67	-	-
HODDESDON	9	9	43	10.9	5.8	8.3	-	15.7	28	0.4	10.13	7.6	-	32	-	8	26	12	10	2	0	0	1	1	-	0	13	-	2	1.76	-	-
LETCHWORTH	9	9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTHAMSTED	9	9	128	9.9	4.9	7.4	+3.7	13.9	20	-0.7	13	6.9	8.0	37	-	9	26	15	8	3	0	0	0	0	0	3	10	-	0	1.86	122	5
ST ALBANS	9	9	83	(10.2)	5.5	(7.9)	(4.0)	14.5	28	-0.4	10	7.0	-	33	58	9	26	14	9	2	0	0	0	0	0	1	12	-	0	1.94	-	5
STANSTEAD ABBOTTS ...	9	9	30	(11.0)	(5.6)	(8.3)	-	15.5	28	0.0	15	8.0	8.6	29	-	7	26	11	8	-	0	-	-	-	0	0	6	-	-	-	-	-
ESSEX																																
CLACTON-ON-SEA	9	9	16	9.7	5.2	7.5	+2.6	15.0	28	0.5	12	7.5	8.8	27	-	6	25	12	9	1	0	0	0	1	0	0	9	-	2	1.65	99	-
EARLS COLNE	9	9	49	10.3	5.5	7.9	+3.7	15.6	28	0.4	12	7.0	8.1	31	58	6	26	15	10	2	0	1	0	1	0	0	10	-	1	-	-	-
HARLOW	9	9	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE PARNDON	9	9	54	10.4	5.8	8.1	-	15.2	28	0.6	12.13.14	-	-	21	-	6	26	9	8	-	0	-	-	-	0	0	-	-	-	-	-	-
MALDON	9	9	4	10.9	5.8	8.3	+3.9	15.8	27.28	0.3	13	-	-	-	-	-	-	-	-	1	-	0	0	1	0	0	-	-	0	-	-	-
SHOEBURYNESS	21	9	2	10.4	6.7	8.5	+3.4	15.4	28	1.0	11	-	-	23	-	6	25	9	6	2	0	1	0	1	0	0	4	3	0	1.66	114	-
SOUTHEND	9	9	2	10.6	6.2	8.4	-	15.0	28	1.4	13	-	-	22	-	5	25	9	6	1	0	0	0	1	0	0	3	-	0	1.71	-	-
STANSTED	21	9	101	9.7	5.6	7.7	-	14.9	28	-0.5	10	-	-	31	-	7	26	15	9	2	0	0	0	1	0	1	5	5	0	-	-	-
WALTON-ON-THE-NAZE ...	21	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WRITTLE	9	9	32	10.6	5.6	8.1	+3.8	15.4	28	0.4	12	7.4	-	29	56	7	26	12	8	0	0	0	0	1	0	0	9	-	0	1.65	115	5

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	TERMINAL HEIGHT OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL (TERMINAL H 09 GMT): PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
4 MIDLAND COUNTIES																															
WEST YORKSHIRE																															
BRADFORD	9 9	134	9.8	4.9	7.3	+3.4	13.0	28	-1.9	13	5.9	6.9	92	106	23	10	26	20	3	0	5	0	1	0	2	6	-	2	1.11	131	S
BRAMHAM	9 9	54	10.2	4.7	7.5	-	13.7	27	-1.5	13	-	-	48	-	10	10	21	12	1	0	0	0	1	0	2	8	-	2	-	-	-
HUDDERSFIELD																															
OAKES	21-9	232	8.2	4.8	6.5	+2.8	12.5	23	-3.2	13	5.6	6.2	125	125	17	10	30	25	4	0	6	0	5	0	2	7	7	20	1.16	94	-
RAVENSKNOWLE	9 9	99	9.8	5.2	7.5	+3.4	13.1	28	-1.4	13	6.1	6.9	97	127	13	10	25	19	2	0	0	-	2	0	3	8	-	1	1.23	134	-
ILKLEY	9 9	83	9.9	4.9	7.4	+3.6	13.2	23	-1.7	13	-	-	102	112	13	9	27	19	0	0	-	0	0	0	2	4	-	1	0.98	84	-
PONTEFRACT	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILSDEN	9 9	262	8.6	3.0	5.8	-	12.4	23	-4.6	14	-	-	123	-	26	10	30	23	5	0	3	-	0	0	6	6	6	-	-	-	-
SOUTH YORKSHIRE																															
FINNINGLEY	21-9	10	10.3	5.7	8.0	-	15.2	27	-1.3	13	-	-	27	-	3	11	17	9	4	0	0	0	1	0	1	10	5	2	1.92	-	-
SHEFFIELD	9 9	131	9.9	5.1	7.5	+2.9	13.9	27	-1.0	13	6.2	7.4	71	96	21	10	25	11	1	0	0	-	0	-	2	6	-	3	1.39	122	S
DERBYSHIRE																															
ASHOVER	9 9	186	9.4	4.5	6.9	-	13.3	28	-2.5	13	-	-	59	-	13	10	24	15	4	1	0	0	0	0	2	7	-	1	1.44	-	-
BUXTON	9 9	314	8.3	3.8	6.1	+3.2	12.0	27	-2.9	13	5.4	5.7	138	99	23	10	28	22	3	1	0	0	1	1	4	8	-	0	-	-	S
DERBY	9 9	48	10.6	5.3	7.9	-	14.4	28	-1.0	13	-	-	43	-	11	10	16	14	2	1	0	1	0	0	1	11	-	2	1.75	-	-
MACKWORTH	9 9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MORLEY	9 9	107	9.9	4.7	7.3	-	13.9	28	-2.0	13	-	-	40	-	8	10	18	14	1	0	0	0	0	0	3	7	-	0	1.81	-	S
WINGERWORTH	9 9	126	9.9	4.5	7.2	-	13.9	28	-1.6	13	6.3	-	55	-	15	10	24	15	2	0	0	2	0	0	2	11	9	1	1.66	-	-
NOTTINGHAMSHIRE																															
MANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTHORPE	9 9	58	(10.3)	-	-	-	14.1	27	-	-	-	-	37	-	10	10	16	10	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTTINGHAM	9 9	59	10.8	5.4	8.1	+3.6	14.5	27,28	-0.5	13,14	6.3	7.0	32	66	8	10	16	10	0	0	0	0	0	0	2	8	-	0	1.72	152	-
SUTTON BONINGTON	9 9	48	10.5	5.4	7.9	+3.8	14.6	28	-1.0	13	7.0	7.7	33	-	12	10	16	8	0	0	0	0	1	0	2	4	-	2	1.89	156	-
WARSOP	9 9	46	10.2	4.9	7.5	-	14.2	27	-0.8	13	-	-	34	-	11	10	19	13	1	0	0	0	0	0	2	13	-	1	1.52	-	-
WATNALL	21-9	117	9.5	5.5	7.5	+3.5	13.8	28	-1.6	13	-	-	40	-	10	10	21	12	4	0	0	2	0	0	2	8	6	1	1.50	122	-
STAFFORDSHIRE																															
KEELE	9 9	179	9.4	4.2	6.8	-	13.6	28	-1.5	13	6.1	7.1	50	-	12	10	22	15	2	0	0	0	0	0	3	11	-	0	1.74	-	-
OAKEN	9 9	125	10.1	5.3	7.7	+4.0	14.5	27	-1.2	13	6.9	-	34	54	6	10,16	20	11	1	1	0	0	0	0	3	11	-	0	-	-	8
PENKRIDGE	9 9	101	10.1	4.9	7.5	-	14.5	28	-1.6	13	-	-	42	-	9	10	19	9	1	0	2	0	1	1	2	10	-	0	-	-	-
STONE	9 9	107	9.8	4.3	7.1	-	13.6	27	-1.8	13	-	-	51	-	16	10	22	12	2	0	1	0	0	1	3	10	-	2	1.47	-	-
LEICESTERSHIRE																															
CALDECOTT	9 9	52	10.3	5.1	7.7	-	15.3	28	-0.8	13	-	-	26	-	8	26	14	7	0	0	0	0	1	0	3	9	-	0	1.79	-	-
NEWTOWN LINFORD	9 9	119	9.9	4.5	7.2	-	14.5	28	-1.9	13	-	-	38	-	18	10	13	9	1	1	0	0	1	0	2	7	-	0	1.77	-	-
SALOP																															
NEWPORT	9 9	64	10.5	5.5	8.0	+4.1	14.0	1.27	-0.5	13	-	-	39	69	12	10	19	10	3	0	0	1	0	0	1	10	-	3	1.60	128	S
OSWESTRY	9 9	174	9.9	4.8	7.3	+3.0	14.0	27,28	0.6	11	-	-	81	94	17	10	25	15	1	1	2	0	0	0	0	11	-	0	1.52	96	-
SHAWBURY	21-9	72	10.2	5.6	7.9	+3.7	14.0	27	-0.8	30	-	-	30	-	9	10	16	8	1	0	0	2	0	0	0	3	-	0	1.35	97	-
SHREWSBURY	9 9	56	11.0	6.0	8.5	+4.0	15.0	3	1.3	13	7.8	8.3	36	-	8	10	16	9	1	0	0	0	0	0	0	3	-	0	1.43	95	-
WEST MIDLANDS																															
BIRMINGHAM																															
EDGBASTON	21-9	163	9.6	5.9	7.7	+3.2	15.2	28	-0.5	13	7.4	-	42	59	11	16	18	11	2	1	3	0	1	0	2	8	7	0	1.81	134	-
ELMDON AIRPORT	21-9	96	10.1	5.8	7.9	+3.8	15.7	28	-2.6	13	-	-	31	-	6	16	16	6	2	0	3	1	0	0	1	9	8	3	1.97	146	-
KING EDWARD SCHOOL	9 9	137	10.1	5.1	7.6	-	16.2	28	-0.8	13	-	-	44	-	12	25	18	11	1	1	0	0	0	1	2	-	-	0	-	-	-
WARWICKSHIRE																															
LUDDINGTON	9 9	56	10.5	5.3	7.9	-	15.6	28	-1.0	13	-	-	31	-	9	26	17	7	1	1	0	0	0	0	2	8	-	0	1.82	-	-
MORETON MORRELL	9 9	85	10.5	5.1	7.8	-	14.6	28	-1.5	13	-	-	30	-	10	26	16	9	1	1	0	0	0	0	4	8	-	7	1.77	-	-
RUGBY	9 9	117	10.1	4.7	7.4	+3.5	15.5	28	-1.3	13	6.4	7.6	38	-	11	27	16	8	1	1	0	0	0	1	2	11	5	0	-	-	-
SHIPSTON-ON-STOUR	9 9	111	10.4	5.5	7.9	+3.8	14.9	28	-0.5	13	7.3	-	40	65	12	26	16	8	1	0	0	0	0	0	1	7	-	2	2.06	126	S
STRATFORD-ON-AVON	9 9	49	10.6	5.0	7.8	+3.8	15.6	28	-2.6	13	7.7	-	34	-	10	26	17	8	0	0	0	0	0	0	4	11	-	0	1.77	122	-
WELLESBOURNE	9 9	47	(10.6)	(5.3)	(7.9)	-	15.4	28	-2.1	15	(6.8)	(7.4)	32	-	11	26	16	7	0	0	0	0	0	0	3	9)	7)	0	1.99	-	-
NORTHAMPTONSHIRE																															
BUGBROOKE MILLS	9 9	69	10.6	4.8	7.7	-	15.5	28	-1.5	13,14	7.0	8.0	24	-	7	26	11	7	1	0	0	0	0	3	2	-	-	0	1.56	-	-
RAUNDS	9 9	59	10.3	5.0	7.7	+3.9	15.7	28	-0.9	13	6.4	7.7	23	45	4	26	13	6	2	0	1	0	1	0	2	7	-	0	1.75	128	-
HEREFORD & WORCESTER																															
HEREFORD(SEWAGE WORKS)	9 9	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPSLEY(SEWAGE WORKS)	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LYONSHALL	9 9	155	10.1	5.4	7.7	+3.6	14.2	28	0.8	11	-	-	68	-	14	27	19	13	0	0	0	0	0	0	0	8	-	0	-	-	-
MALVERN	9 9	62	11.1	6.3	8.7	-	16.1	28	1.2	13,14	7.0	8.1	42	-	15	26	19	9	2	0	0	1	0	0	0	3	-	8	1.55	97	S
PERSHORE																															
COLLEGE OF HORT.	9 9	40	10.7	5.6	8.1	-	15.3	28	-0.6	10	-	-	31	-	11	26	16	7	0	0	0	0	0	0	3	7	-	2	1.48	-	-
ROYAL RADAR EST.	21-9	35	10.7	6.2	8.5	-	15.9	28	-1.1	13	-	-	29	-	12	26	15	5	1	0	0	0	0	0	1	3	4	0	1.74	-	-
PRESTON WYNNE	9 9	84	10.7	4.3	7.5	-	14.6	28	-1.0	6	7.5	-	42	-	12	26	17	13	0	0	0	0	0	0	1	10	-	1	1.34	-	-
ROSS-ON-WYE	21-9	68	11.2	6.2	8.7	+3.7	15.1	28	1.5	11	6.8	8.4	32	46	13	26	13	8	1	0	0	0	0	0	0	8	3	0	1.65	101	-
GLOUCESTERSHIRE																															
CHELTENHAM	9 9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLOUCESTER	21-9	23	10.8	7.4	9.1	-	14.7	28	1.5	30	-	-	30	-	12	26	15	5	0	0	1	0	0	0	0	7	3	0	1.35	-	-
HEMPSTED	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE RISSINGTON	21-9	226	9.0	5.2	7.1	+3.3	13.0	28	-0.7	13	-	-	47	-	12	26	17	8	3	0	0	0	0	2	1	7	7	1	1.99	121	-
OXFORDSHIRE																															
ABINGDON	21-9	69	-	-	-	-	-	-	-	-	-	-	34	-	23	27	10	4	-	-	-	-	-	-	-	-	-	0	-	-	-
BRIZE NORTON	21-9	81	10.2	6.0	8.1	-	13.6	28	-0.5	13	-	-	46	-	15	25	13	8	2	0	1	1	0	0	1	5	5	0	1.79	-	-
LETCOMBE REGIS	9 9	107	10.4	(4.9)	(7.7)	-	13.8	25	-1.3	13	7.4	-	52	-	16	16	11	9	0	0	0	0	0	0	2	12	-	0	-	-	-
OXFORD	9 9	63	10.6	5.9	8.3	+3.7	13.4	2,28	0.1	13	6.8	7.8	33	56	10	26	12	9	1	0	1	0	0	0	0	7	-	0	1.90	111	-
SHIRBURN(MODEL FARM)	9 9	108	10.0	5.0	7.5	-	13.2	2	-1.0	13	7.2	-	31	-	12	26	14	9	1	0	0	0	0	0	4	11	-	0	-	-	-
WALLINGFORD	9 9	48	10.8	5.0	7.9	-	14.0	2,28	-1.1	13	7.7	8.8	29	-	11	26	11	8	1	0	1	0	0	0	4	11	-	0	1.27	-	-
BUCKINGHAMSHIRE																															
AYLESBURY	9 9	96	10.8	5.0	7.9	+3.8	14.5	3	-2.5	15	-	-	31	-	11	26	13	7	1	0	0	0	1	0	2	11	-	0	0.83	62	S
GRENDON UNDERWOOD	9 9	67	10.3	4.2	7.3	-	13.9	28	-2.8	13	7.2	8.3	31	-	10	26	12	9	1	0	1	0	0	0	5	14	-	0	1.73	-	-
MEDMENHAM	9 9	30	10.7	4.9	7.8	-	14.1	27	-2.5	30	-	-	32	-	9	26	12	9	0	0	0	0	0	-	8	11	-	0	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	TERMINAL (HOURS) OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C MEANS OF MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
5 ENGLAND SE & CENTRAL S.																																	
GREATER LONDON																																	
BROMLEY	9	9	65	10.8	5.9	8.3	+3.6	15.0	27,28	1.0	12.13.30	-	-	41	-	9	26	13	8	-	-	-	-	-	-	0	-	-	-	-	-	-	-
ENFIELD	9	9	17	11.3	6.8	9.1	-	15.6	28	1.7	13	7.8	9.2	36	-	8	26	14	10	0	0	0	0	1	0	0	8	-	0	-	-	-	-
GREENWICH	9	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAMPSTEAD	9	9	137	(10.1)	(4.6)	(7.3)	(3.0)	14.1	28	-0.6	14	-	-	39	65	11	25	13	9	0	0	0	0	0	0	2	-	-	0	1.50	113	S
HAMPTON	9	9	12	10.6	6.0	8.3	+3.4	14.6	28	0.5	13	-	-	35	-	11	25	13	10	1	0	1	0	1	0	0	8	-	0	1.75	123	-
HEATHROW AIRPORT ...	21-9	9	25	10.7	6.4	8.5	+3.7	14.7	28	0.7	10	-	-	34	-	8	25	15	10	2	0	0	0	1	0	0	6	6	0	1.70	-	-
KENSINGTON PALACE ...	9	9	25	11.2	6.4	8.8	+3.5	15.3	28	1.2	13	7.8	8.8	40	73	11	25	15	11	0	0	0	0	1	0	0	9	-	1	-	-	-	-
KEW	21-9		6																														
PSYCHROMETER				10.6	6.7	8.7	-	15.2	28	0.8	10.15	7.9	8.8	35	67	9	25	12	10	2	0	0	1	1	0	0	6	5	0	1.90	138	-
NORTH WALL SCREEN ...				10.6	7.1	8.9	+3.6	15.0	28	1.4	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON WEATHER CENTRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST JAMES PARK	9	9	4	11.1	(6.2)	(8.7)	(3.2)	15.4	28	1.4	12	-	-	39	75	11	25	14	9	-	0	-	-	-	-	-	0	7	-	-	1.64	155	-
SOUTHGATE	9	9	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WADDON	9	9	59	10.9	6.0	8.5	+3.6	15.0	28	1.0	17.13.30	-	-	47	-	11	26	13	8	-	-	-	-	-	-	0	-	-	-	-	-	-	-
WEALDSTONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILTSHIRE																																	
BOSCOMBE DOWN	21-9		126	9.7	5.7	7.7	+3.2	14.3	28	-0.1	13	-	-	51	67	14	26	13	9	3	0	0	0	0	0	1	9	7	0	1.60	98	-
LACOCK	9	9	49	11.1	5.4	8.3	-	13.8	4	-0.6	30	-	-	68	-	15	26	16	14	0	0	0	0	0	0	1	8	-	1	-	-	-	-
LARKHILL	9	9	132	10.1	5.1	7.6	+3.4	14.2	28	-1.1	13	-	-	65	83	17	26	13	9	1	0	0	0	0	0	2	9	6	4	-	-	-	-
LYNEHAM	21-9		145	9.4	5.6	7.5	+3.2	12.4	27,28	-0.5	30	-	-	62	-	16	25	16	9	3	0	2	0	0	0	2	8	7	1	1.33	-	-	-
PORTON	9	9	110	9.9	4.6	7.3	+3.2	14.2	28	-1.5	30	7.1	-	53	67	15	26	13	9	-	0	-	-	-	-	0	6	9	9	0	1.52	87	-
UPAVON	21-9		179	9.2	5.2	7.2	-	12.8	28	-0.6	10	-	-	53	-	13	25	16	9	1	0	1	1	0	1	2	9	7	1	-	-	-	-
BERKSHIRE																																	
EASTHAMPSTEAD	9	9	77	10.3	5.4	7.9	-	14.4	28	-1.0	14	7.3	8.0	36	-	10	25	14	11	2	0	0	0	1	0	3	8	6	0	1.51	-	-	-
FINCHAMPSTEAD	9	9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HURLEY	9	9	43	(10.6)	5.5	(8.1)	-	14.1	27	-0.3	14	7.1	-	33	-	10	26	13	8	1	0	1	0	1	1	2	10	-	1	1.39	-	-	-
READING	9	9	66	10.4	5.6	8.0	-	14.0	27,28	-0.4	10	(7.7)	(8.4)	31	-	8	26	15	7	1	0	1	0	1	0	1	11	8	1	1.69	-	-	-
SHINFIELD	9	9	61	10.4	5.3	7.9	+3.4	14.5	28	-0.5	10	-	-	31	53	9	26	15	8	1	0	0	0	0	0	2	13	-	0	1.48	-	-	-
SURREY																																	
MICKLEHAM	9	9	55	10.7	5.0	7.9	+3.8	14.7	28	-1.5	30	7.0	8.0	52	-	12	27	12	10	2	0	0	0	0	0	4	12	-	0	-	-	-	-
WISLEY	9	9	35	10.5	5.7	8.1	+3.6	14.6	28	-0.2	13	7.4	8.4	43	-	12	25	13	10	1	0	0	0	0	0	1	8	-	1	0.88	70	-	-
KENT																																	
DOVER	9	9	6	10.6	6.4	8.5	+3.0	14.8	28	1.2	12	8.0	8.8	55	-	15	25	16	9	1	0	1	0	1	0	0	0	-	1	1.52	88	-	-
DUNGENESS	9	9	3	10.1	6.5	8.3	-	12.4	29	0.6	12	-	-	54	-	18	25	13	9	0	0	1	0	0	0	0	-	-	3	-	-	-	-
EAST MALLING	9	9	37	10.6	5.9	8.3	+3.8	15.5	28	0.9	10	6.9	7.8	41	-	11	25	14	8	2	0	0	0	1	0	0	7	-	1	1.55	109	-	-
ELMSTONE	9	9	5	11.1	5.6	8.3	-	16.2	28	-0.4	14	-	-	28	-	7	26	11	10	2	0	1	0	1	0	1	8	-	0	-	-	-	-
FAVERSHAM	9	9	48	10.5	5.7	8.1	-	15.6	28	0.2	13	7.1	8.1	36	-	12	25	11	8	1	0	0	0	1	0	0	7	-	0	1.60	-	-	-
FOLKESTONE	9	9	31	10.1	5.5	7.8	-	14.6	28	-0.6	10	-	8.3	53	75	14	25	13	9	1	0	0	0	1	0	1	9	-	1	1.74	101	-	-
GILLINGHAM	9	9	4	11.1	6.4	8.7	-	15.9	28	1.3	11	-	-	35	-	9	25	11	8	-	-	-	-	-	-	0	-	-	-	-	-	-	-
GOUDHURST	9	9	85	10.0	5.5	7.7	+3.6	14.7	28	0.2	25	-	-	49	57	18	25	13	8	0	0	0	0	0	0	0	9	-	0	-	-	-	-
HADLOW COLLEGE	9	9	30	10.7	5.6	8.1	-	15.2	27	-0.4	25	7.6	8.8	41	-	11	25	12	9	0	0	0	0	1	0	2	10	-	1	(1.37)	-	-	-
HERNE BAY	9	9	31	10.5	5.8	8.1	-	15.5	28	1.0	10.12.14	7.9	-	27	-	7	26	10	9	0	0	0	0	0	0	0	0	-	0	1.38	93	-	-
MANSTON	21-9		44	10.2	5.8	8.0	-	15.9	28	-0.3	13	-	-	23	-	5	26	10	8	2	0	1	0	1	0	1	5	1	0	1.64	-	-	-
MARGATE	9	9	16	10.7	6.5	8.6	+2.9	16.1	28	2.0	12.14	7.3	8.3	-	-	-	-	-	-	0	0	0	0	0	0	1	5	-	1	-	-	-	S
THROWLEY	9	9	150	9.5	5.2	7.3	-	14.2	27,28	0.1	13	6.5	7.7	44	-	9	25	14	10	2	0	1	0	1	0	0	6	-	7	1.23	-	-	-
ULCOMBE	21-9		47	10.0	5.2	7.6	-	15.3	28	-2.0	10	-	-	36	-	8	26	12	8	1	0	0	0	0	1	3	4	10	9	0	1.57	-	-	-
WHITSTABLE	9	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYE	9	9	56	10.2	5.1	7.7	+3.2	14.9	28	-0.5	12	7.3	8.2	41	55	11	25	12	9	1	0	0	1	1	5	0	2	12	-	0	1.41	90	-	-
HAMPSHIRE																																	
ALICE HOLT LODGE ...	9	9	115	9.8	5.1	7.5	+3.4	14.1	28	-0.5	13.25	-	-	66	-	20	25	17	11	0	0	0	0	0	0	4	9	-	0	1.62	-	-	-
EVERTON	9	9	16	10.6	6.4	8.5	-	14.4	28	0.2	30	-	-	48	-	15	25	16	9	0	0	0	0	0	0	0	10	-	1	1.41	-	-	-
HAYLING ISLAND	9	9	4	10.7	6.9	8.8	-	13.3	28	2.2	13	-	-	54	-	21	25	14	9	0	0	0	0	0	0	0	-	-	1	1.98	-	-	-
LECKFORD	9	9	117	9.9	4.6	7.3	+3.0	14.0	28	-1.5	13	7.4	-	57	70	13	26	14	11	0	0	0	0	0	0	4	-	-	1	1.50	88	-	-
LONG SUTTON	9	9	145	9.6	5.0	7.3	-	13.7	28	-1.5	13	7.1	-	47	-	21	25	15	10	0	0	0	0	0	0	2	6	6	2	1.55	102	S	-
MARTYR WORTHY	9	9	84	10.4	4.7	7.5	-	14.2	28	-1.5	15	-	-	58	-	16	25	15	9	0	0	0	0	0	1	5	10	-	0	1.45	-	-	-
SOUTHAMPTON (MAYFLOWER PARK) ...	9	9	3	11.1	6.5	8.8	+3.3	15.0	28	0.9	30.31	8.8	10.8	45	-	14	25	12	9	0	0	0	1	0	0	0	7	4	0	1.78	103	S	-
SOUTH FARNBOROUGH ...	9	9	69	10.4	5.6	8.0	+3.4	14.5	28	0.1	10	-	-	43	69	13	25	13	9	2	0	0	0	0	0	1	9	7	0	1.55	115	-	-
SOUTHSEA	9	9	2	10.7	7.0	8.9	+2.8	13.5	28	1.4	30	9.0	9.8	51	69	16	25	16	10	0	0	0	0	0	0	0	8	-	3	1.67	91	-	-
WINCHESTER	9	9	82	10.6	5.3	7.9	-	14.5	28	0.8	13.30	-	8.5	69	-	16	25.26	16	10	0	0	0	0	0	0	0	5	-	0	1.13	-	-	-
ISLE OF WIGHT																																	
RYDE	9	9	4	10.9	6.1	8.5	+2.2	13.4	28	2.2	13	-	-	55	63	17	25	17	9	0	0	0	0	0	0	0	-	-	3	1.81	102	-	-
ST CATHERINES POINT ...	9	9	16	10.6	7.1	8.9	+2.4	13.5	28	1.5	13.14	-	-	36	42	11	25	13	6	0	0	0	0	0	0	0	-	-	9	-	-	-	-
SANDOWN	9	9	4	11.1	6.6	8.9	+2.6	14.0	25	1.5	30	-	-	57	-	14	25	9	7	0	0	0	0	0	0	0	-	-	2	2.08	105	-	-
SHANKLIN	9	9	55	10.3	6.4	8.3	+2.4	12.2	28	0.0	13	-	-	62	-	17	25	16	11	0	0	0	0	0	0	0	-	-	1	2.09	105	S	-
VENTNOR	9	9	135	10.3	6.6	8.5	+2.2	11.6	7,28	1.4	13	8.1	9.2	55	-	12	25	17	9	0	0	1	0	0	0	0	2	-	1	2.03	99	-	-
WEST SUSSEX																																	
BOGNOR REGIS	9	9	7	10.4	6.6	8.5	+2.8	12.5	7	1.6	13.30	-	9.3	51	65	16	25	13	9	0	0	0	0	0	0	0	5	-	2	1.88	94	-	-
FERNHURST	9	9	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATWICK AIRPORT ...	21-9		59	10.1	5.8	7.9	-	15.0	28	-1.4	10	-	-	63	-	17	25	12	10	2	0	1	0	0	0	2	8	6	0	1.68	-	-	-
LITTLEHAMPTON	9	9	5	10.7	5.7	8.2	+2.7	12.9	7	0.5	10	-	9.3	52	70	15	25	12	10	0	0	0	0	0	0	0	-	-	1	1.81	96	-	-
NORTH HEATH	9	9	21	11.0	6.1	8.5	-	15.7	28	-0.5	10	7.6	8.6	60	-	15	25	12	11	0	0	0	0	0	0	1	7	-	0	1.70	-	-	-
ROGATE	9	9	64	(10.6)	(4.9)	(7.7)	-	15.0	28	-0.3	30	8.8	-	68	-	23	25	12	10	0	0	0	0	0	0	1	11	-	1	-	-	-	-
THORNEY ISLAND	21-9		4	10.5	6.7	8.6	-	14.1	28	0.9	30	-	-	51	68	18	25	13	9	0	0	0	0	0	0	0	5	3	1	1.61	-	-	-
WORTHING	9	9	2	10.5	5.9	8.2	-	12.9	7	-1.0	10	7.9	-	59	-	16	25	12	10	0	0	0	0	0	0	1	7	-	0	1.83	-	-	-
EAST SUSSEX																																	
BEXHILL	9	9	4	10.4	6.2	8.3	+2.8	12.3	28	1.5	12.15	7.7	-	65	87	20	25	13	9	0	0	0	0	0	0	0	10	-	1	1.90	111	-	-
BODIAM	9	9	22	10.6	5.8	8.2	+3.7	14.4	28	0.1	10	7.6	8.8	58	67	26	25	15	9	1	0	0	0	0	0	0	8	-	7	1.74	114	S	-
BRIGHTON	9	9	10	10.3	6.1	8.2	+2.3	12.1	7	1.4	13	-	9.2	57	-	13	25	12	9	0	0	0	0	0	1	0	1	-	0	1.80	100	-	-
EASTBOURNE																																	
CORSIGUARD	21-9		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON SQUARE ...	9	9	7	10.6	6.9	8.7	+2.8	12.5	25	1.5	12	8.4	9.4	69	-	16	25	14	10	1	0	0	0	0	0	0	4	-	2	1.86	102	-	-
EAST WORTHY	9	9	40	10.3	5.3	7.6	-	12.9	28	-1.3	10.30	-	-	55	-	18	25	11	9	0	0	0	1	0	0	0	5	8	7	1.91	-	-	-
HASTINGS	9	9	45	10.0	6.2	8.1	+2.6	12.2	28	1.2	12	7.2	8.6	55	-	18	25	10	9	0	0	0	0	0	0	0	5	-	1	1.77	97	-	-
PLUMPTON	9	9	76	10.2	6.0	8.1	-	12.6	29	0.5	13	-	-	89	-	30	25	15	11	1	0	0	0	0	0	0	6	-	0	1.59	-	-	S

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE		
			MEANS OF				HIGHEST MAXIMUM		LOWEST MINIMUM						MOST IN A DAY		PRECIP-ITATION														
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS TEMP BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
7A ENGLAND NW & I.O.M.																														
CUMBRIA																														
CARLISLE	21-9	26	9.1	5.7	7.4	-	13.6	23	-1.4	13	-	-	109	-	25	28	26	19	4	0	2	0	0	0	2	6	2	1	1.13	-	-
CARTMEL	9 9	34	9.4	4.4	6.9	-	12.2	23	-1.9	13	-	-	140	-	19	21	25	23	0	0	0	0	0	0	2	-	-	0	-	-	-
GRIZEDALE	9 9	91	9.3	4.0	6.7	-	12.6	2	-2.5	13	6.3	-	192	-	21	21	29	28	2	0	4	0	0	1	1	(18)	-	0	-	-	-
MEVERSHAM	9 9	30	9.6	4.9	7.3	-	13.4	23	-1.6	13	-	-	147	-	20	25	27	23	3	0	4	0	0	1	2	-	-	5	-	-	-
MOOR HOUSE	9 9	556	5.7	1.0	3.3	-	9.1	22,27	-6.6	13	3.8	-	449	-	58	25	29	27	11	9	6	0	0	4	12	18	-	23	0.47	-	-
NEWTON RIGG	9 9	171	8.9	4.0	6.5	+3.1	12.6	1	-2.5	13	5.4	-	179	-	29	21	26	20	1	1	2	0	0	0	4	15	-	0	0.92	77	S
SELLAFIELD	9 9	13	9.7	5.2	7.5	-	12.5	22	-1.8	1	-	-	106	-	9	29	28	23	0	0	-	-	-	4	1	5	-	-	1.13	-	-
LANCASHIRE																														
BAILRIGG	9 9	53	9.4	4.9	7.1	-	12.6	23	-1.3	13	-	-	95	-	10	25	26	21	-	0	-	-	-	U	2	6	-	-	1.00	-	-
HELMSHORE	9 9	260	8.4	4.1	6.3	-	11.4	27,28	-2.2	13	5.9	-	191	-	15	15	29	26	3	0	4	0	1	1	4	6	-	3	0.76	-	S
KIRKHAM	9 9	24	9.9	5.5	7.7	-	12.6	28	-1.0	13	-	-	74	-	11	10	27	21	0	0	0	5	0	0	1	5	-	0	1.08	-	-
MORECAMBE	9 9	7	9.5	5.6	7.5	+2.8	14.1	27	-0.5	13	-	-	81	83	10	25	25	21	0	0	4	0	0	0	2	-	-	0	0.96	77	-
NELSON	9 9	165	9.1	3.8	6.5	+2.9	12.3	23	-2.9	13	6.0	7.0	160	-	20	10	29	26	-	0	-	-	-	2	5	9	-	-	0.25	42	S
PRESTON	9 3	33	10.0	5.7	7.9	-	13.4	21	-1.7	13	-	-	81	84	9	10	28	22	0	0	0	3	0	1	1	6	-	3	-	-	-
SLAIDBURN	9 9	192	8.5	4.1	6.3	-	11.6	23	-3.0	13	-	-	195	114	20	21	28	26	9	0	0	2	0	0	4	8	-	0	0.61	-	-
SQUIRES GATE AIRPORT	21-9	10	9.4	6.4	7.9	+3.1	12.9	23	-1.5	13	-	-	61	-	9	15	27	19	1	0	1	6	0	0	1	1	1	2	1.20	86	-
STONYHURST	9 9	115	9.1	4.6	6.9	+3.0	12.1	23,28	-1.3	13,14	-	-	164	129	17	7	(30)	(27)	-	1	-	-	-	1	2	8	-	-	0.84	71	-
MERSEYSIDE																														
AIGBURTH	9 9	12	10.8	6.0	8.4	-	13.7	27	0.8	11	-	-	44	-	7	10	23	16	0	0	3	0	0	0	0	-	-	2	-	-	-
SOUTHPORT	9 9	5	10.2	5.5	7.9	+3.3	13.8	3	-0.5	13	7.2	8.9	46	-	7	16	24	17	-	-	-	-	-	1	1	-	-	-	1.01	74	-
SPEKE AIRPORT	21-9	22	10.2	6.3	8.3	+3.2	13.7	27	0.1	13	-	-	49	-	10	10	22	15	3	0	5	0	1	0	0	2	2	4	1.54	118	-
WEST KIRBY PARK	9 9	8	10.9	6.4	8.7	+3.6	14.1	27	1.8	11	-	-	38	-	9	10	23	13	0	0	3	0	0	-	0	0	-	0	1.52	108	-
GREATER MANCHESTER																														
BOLTON	9 9	107	9.7	4.9	7.3	-	12.9	27	-1.5	13	6.5	7.1	94	-	10	16	27	24	0	0	3	0	1	2	2	5	-	10	0.66	76	-
MANCHESTER																														
RINGWAY AIRPORT	21-9	75	10.0	6.1	8.1	+3.8	14.2	28	-0.6	13	-	-	61	-	13	10	23	15	5	0	1	2	1	0	1	2	2	0	1.02	84	-
WEATHER CENTRE	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.81	-	-
ROCHDALE	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHESHIRE																														
KNUTSFORD	9 9	65	10.3	4.9	7.6	-	14.2	28	-1.5	13	6.3	7.0	66	-	8	21	22	19	0	0	0	0	0	0	2	6	-	2	-	-	-
MACCLESFIELD	9 9	152	9.4	4.7	7.1	+3.5	13.3	27	0.2	12	-	-	78	-	13	10	28	18	1	1	1	0	1	0	0	-	-	0	-	-	-
NESS GARDENS	9 9	55	10.7	5.2	7.9	-	13.8	3	0.9	11,13	7.2	-	36	-	9	10	22	13	0	0	1	3	0	0	6	-	5	1.60	-	S
WINNINGTON	9 9	20	11.0	6.2	8.6	+3.7	14.2	8	0.5	13	-	-	47	-	9	10	23	15	0	0	3	0	0	1	0	3	-	9	-	-	-
ISLE OF MAN																														
DOUGLAS	9 9	87	9.5	5.7	7.6	+1.7	12.0	1	0.7	11	-	-	91	73	19	25	24	19	0	0	3	0	0	1	0	1	-	6	1.42	93	-
POINT OF AYRE	21-9	9	9.7	6.4	8.1	+1.6	14.5	1	0.8	11	-	-	63	74	11	10	22	15	2	0	0	0	0	0	-	-	-	10	1.47	101	-
RONALDSWAY AIRPORT	21-9	16	9.6	6.8	8.2	+1.7	12.6	1	1.5	11	-	-	55	-	11	25	21	15	2	0	1	1	0	0	0	1	1	1	1.30	88	-
7B WALES N																														
GWYNEDD																														
BALA	9 9	163	9.9	5.5	7.7	-	13.2	22	-0.3	30	7.0	7.3	167	-	21	10	30	23	2	0	2	0	0	0	1	3	3	0	0.54	-	-
BARDSEY ISLAND	21-9	16	10.0	7.9	8.9	-	11.7	1,28	0.2	11	-	-	50	-	11	23	18	10	0	0	0	0	0	0	0	0	0	22	-	-	-
BOTWNNOG	9 9	34	10.3	6.5	8.4	-	12.6	1	2.0	11	8.1	9.3	65	-	12	23	22	12	0	0	0	0	0	0	0	-	-	7	1.07	-	-
PEN-Y-FFRIDD	9 9	84	9.8	5.6	7.7	-	13.3	23	1.3	30	-	-	105	-	19	23	27	20	0	0	1	2	0	0	0	5	-	8	0.43	-	-
TRAWSFYNYDD	9 9	193	(9.6)	(4.6)	(7.1)	-	12.2	23	1.4	11	-	-	192	-	29	21	27	23	0	0	1	0	0	2	0	4	1	1	-	-	-
VALLEY	21-9	10	9.9	7.5	8.7	+2.2	12.0	1	3.3	11	-	-	52	-	10	23	20	13	0	0	0	1	0	0	0	1	0	12	0.99	62	-
CLWYD																														
ALWEN	9 9	335	8.1	3.6	5.9	-	10.7	27	-1.4	30	-	-	181	127	27	10	31	25	-	-	-	-	-	-	2	14	-	-	-	-	-
BWLCHGWYN	9 9	386	7.9	2.9	5.4	-	11.5	28	-1.0	10,11	5.5	-	111	-	17	10	27	21	1	0	2	0	0	0	2	5	-	5	-	-	-
COLWYN BAY	9 9	24	11.6	6.8	9.2	-	15.6	27	3.3	12	7.6	-	53	-	9	23	19	14	0	0	0	0	0	0	0	-	-	0	1.40	107	S
CORWEN	9 9	144	10.2	5.0	7.6	-	13.0	3,27	0.0	30	-	-	138	-	20	10	28	24	2	0	3	0	0	-	0	4	-	1	-	-	-
HAWARDEN BRIDGE	9 9	5	(11.6)	(5.8)	(8.7)	(3.8)	14.8	22	1.4	13	-	-	39	58	9	10	(21)	(13)	0	0	2	0	0	0	0	-	-	5	-	-	-
LOGGERHEADS	9 9	210	9.3	3.7	6.5	-	12.2	28	-0.3	11,25	6.1	6.9	58	-	13	10	23	14	0	1	0	1	0	0	2	2	-	0	0.69	-	S
PRESTATYN	9 9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHYL	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUTHIN	9 9	76	10.9	4.7	7.8	-	14.7	2	-0.5	28	-	-	65	-	13	10	21	16	0	0	0	0	0	0	1	-	-	1	1.34	-	-
WREXHAM	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWYS(NORTH)																														
CEINWS	9 9	61	10.5	5.9	8.2	-	13.0	24,29	-1.0	30	-	-	358	-	55	20	28	27	0	0	0	0	0	1	1	4	-	0	-	-	-
LAKE VYRNWY	9 9	303	8.5	4.3	6.4	+2.9	11.0	27,28	-0.2	11	5.7	-	301	-	49	25	31	27	3	1	6	1	0	0	1	5	-	8	-	-	-
MOEL CYNNEDD	9 9	358	8.2	4.2	6.2	-	11.1	28	-0.8	30	-	-	452	-	42	27	29	28	2	1	0	1	0	0	3	4	-	0	-	-	-
8A WALES S																														
DYFED																														
ABERPORTH	21-9	133	9.6	6.9	8.3	+2.4	12.3	25	1.0	30	-	-	79	77	11	26	22	18	0	0	2	0	0	2	0	2	1	5	0.88	54	-
ABERYSTWYTH	9 9	4	-	-	-	-	-	-	-	-	-	-	114	-	13	26	25	20	0	0	0	0	0	-	-	-	-	0	-	-	-
BRYNAMMAN	21-9	183	9.0	5.8	7.4	-	11.6	27	-0.2	12	-	-	191	-	32	21	28	24	0	0	4	0	0	2	1	4	-	3	-	-	-
CARMARTHEN	9 9	15	10.8	6.0	8.4	-	13.2	28	-0.8	31	8.3	8.9	129	-	22	21	25	18	0	0	1	0	0	0	1	7	-	4	1.32	-	-
CWMYSTWYTH	9 9	301	8.7	4.3	6.5	-	12.4	28	-1.2	30	-	-	306	-	29	27	30	26	0	0	2	0	0	4	3	5	-	0	(0.27)	-	S
DALE FORT	9 9	33	10.6	7.6	9.1	+1.8	12.1	27	2.0	11	8.6	-	47	-	9	26	20	11	0	0	0	0	0	0	1	0	1	15	1.06	-	-
ESGAIRWEN-UCHAF	9 9	332	(8.4)	(4.8)	(6.6)	-	11.2	28	-0.1	11	-	-	170	-	42	22	28	25	3	0	3	2	0	5	1	5	-	4	0.82	-	-
GOGERDDAN	9 9	31	10.4	6.4	8.4	-	13.1	25	0.5	30	-	-	90	-	10	2,27	24	19	0	0	0	0	0	3	0	3	-	0	0.68	-	S
HAVERFORDWEST	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LLETY-EVAN-MEN	9 9	290	8.6	4.9	6.7	-	11.2	26	-0.9	11	-	-	140	105	17	2	26	25	0	0	3	0	0	7	1	4	-	0	0.53	38	-
MILFORD HAVEN (CONSERVANCY BOARD)	21-9	37	10.4	(8.0)	(9.2)	-	12.4	28	3.5	30	-	-	77	-	12	26	23	16	0	0	0	0	0	0	0	1	1	1	-	-	-
ORIELTON	9 9	61	10.4	6.8	8.6	-	12.3	1	-0.1	30	8.9	-	86	-	12	24	25	15	0	0	0	0	0	2	1	10	-	0	-	-	-
SWYDDFFYNNON	9 9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENBY	9 9	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.33	-	-
TRAWSCOED	9 9	61	(10.6)	(5.0)	(7.8)	-	14.0	28,29	-1.3	5	(8.3)	-	164	-	29	26	26	23	0	0	0	2	0	2	3	8	-	0	0.60	47	S
POWYS(SOUTH)																														
CENARTH MILL	21-9	282	8.6	5.6	7.1	-	12.7	28	-0.6	30	-	-	[illegible]	-	22	10	30	25	2	0	1	0	0	0	1	4	-	0	-	-	-
LLANDRINDOD WELLS	9 9	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT NO. AND PLACE	MAX. TERMINAL (GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE		
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM						MOST IN A DAY		PRECIP ITATION														
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0°C	CONCRETE MIN. BELOW 0°C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
8A WALES S CONTINUED																														
WEST GLAMORGAN																														
MUMBLES HEAD	21 9	36	9.9	6.6	8.3		11.8	22	1.0	10									0	0	0	0	0	0	0	0	7			
NEATH	9 9	62	10.8	6.9	8.9		14.2	28	0.5	30			152	106	19	26	26	21	0	0	1	0	0	0	0	2	0			
PENMAEN	9 9	85	10.0	6.5	8.3		11.6	28	2.2	30	8.0	8.5	127	-	18	26	26	23	0	0	0	1	0	3	0	1	1	3	1.20		
PORT TALBOT	9 9	7	10.8	7.3	9.1		12.5	1.22.23	1.0	30			119	85	10	23	20	0	0	0	2	0	0	0	0	1		0	0.99		
SWANSEA	9 9	8	10.8	6.9	8.9	+2.6	13.4	28	2.6	12.30	7.9	9.2	139	108	18	26	26	20	0	0	0	0	0	0	0	0		0			S
MID GLAMORGAN																														
LLWYNON	9 9	242	8.8	4.7	6.7		11.0	27.28	1.2	10			269	133	47	21	29	24	1	0	0	0	0	8	2			0	0.66		S
PORTHCAWL	9 9	6	10.4	7.5	8.9		11.9	27	1.2	30			98		13	26	27	21	0	0	3	0	0	4	0			3	1.42		S
SOUTH GLAMORGAN																														
CARDIFF	9 9	62	10.4	6.2	8.3	+3.0	12.9	1	1.5	30	8.3	9.2	113	99	22	26	20	14	0	0	0	0	0	0	0			1	1.26	88	S
RHOOSE AIRPORT	21 9	67	9.8	6.7	8.3		12.3	25	0.1	30			101		17	26	26	20	1	0	3	0	0	0	0	2	2	0	1.38		
GWENT																														
CRUMBLAND	9 9	245	9.2	4.9	7.1		12.4	27	0.8	12	6.7	7.4	63	-	19	26	19	9	0	0	0	0	0	2	0	5		5	1.26		
NEWPORT	9 9	23	10.8	6.1	8.5		12.9	25	0.8	10.30			100	-	19	26	19	16	1	0	0	0	0	0	0	1	6	6			
TREDEGAR	9 9	313	-	-	-		-	-	-	-			-				-	-													
USK	9 9	21	11.0	5.7	8.3	+3.6	14.5	27	1.8	31	7.8		75		19	21	15	11	0	0	0	0	0	3	3	6		1	1.49	104	
8B ENGLAND SW																														
AVON																														
BATH	9 9	118	9.9	6.1	8.0		13.0	28	1.6	30	8.0		69		16	26	17	13	1	0	1	0	0	0	0	7		1			
FILTON	21 9	59	10.3	6.9	8.6	+3.5	13.3	3	1.5	30			67		20	25	20	9	0	0	0	2	0	0	0	5	2	2	1.27	88	
LONG ASHTON	9 9	51	10.5	5.9	8.2	+3.0	13.1	25.28	0.7	30	7.7		69	81	15	25	19	11	0	0	1	0	0	0	0	10		2	1.24	78	
SOMERSET																														
CANNINGTON	9 9	23	11.4	6.9	9.1	+3.4	15.5	28	0.8	12	8.3	-	56	78	15	26	19	12	0		0	0	0	0	0	5		2	1.92	114	
CHEDDAR	9 9	11	-	-	-		-	-	-	-	-		-																		
DOWNSIDE ABBEY	9 9	183	9.7	5.3	7.5		12.8	28	0.5	30			117		19	26	16	15	0		0	0	0	0	1			0			
EXTON	21 9	336	8.3	5.2	6.7		11.4	25	0.4	12			171		31	26	28	25	2	0	4	0	0	1	3	6	4	0			
HAWKRIDGE	9 9	314	9.0	4.6	6.8		12.0	25	0.4	12.30			194	-	30	26	28	26	0	0	0	0	0	1	0	6		0	0.75		
NETTLECOMBE	9 9	96	11.0	6.4	8.7		13.8	25	1.1	30	7.8	-	101	-	28	26	23	15	0	0	2	0	0	0	0	7		1			
RODNEY STOKE	9 9	40	10.5	5.6	8.1		13.6	27.28	0.2	30	7.8	8.8	58		12	24.26	14	13	0	0	0	0	0	0	1	7		0			
WINCANTON	9 9	114	10.3	5.6	7.9		14.5	28	0.3	30			79		19	26	19	13	1	0	0	0	0	0	1	7		3			
YEOVILTON	21 9	18	10.9	6.4	8.7	-	14.8	28	1.0	30			35	-	13	26	16	9	0	0	0	0	0	1	0	6	5	0			
DORSET																														
BOURNEMOUTH																														
HURN AIRPORT	21 9	10	10.8	6.5	8.7		15.0	28	1.9	30	-		45	-	13	25	11	8	0	0	1	1	0	0	1	5	5	0	1.71		
MEYRICK PARK	9 9	40	10.8	6.3	8.5	+3.0	14.6	28	0.6	30	7.9	8.8	46	55	13	25	15	8	0	0	0	0	0	0	0	5		6	1.78	91	
CHRISTCHURCH	9 9	3	11.2	6.7	8.9		16.0	28	0.1	30	-	-	48		13	25	15	9	0	0	0	1	0	0	0	4	-	0			
POOLE	9 9	5	11.3	5.9	8.6	+3.3	15.0	28	0.5	30	8.3	9.2	46		12	25	10	7	0	0	0	0	0	0	1	5		0	1.64	86	
PORTLAND BILL (COASTGUARD)	21 9	53	10.4	7.9	9.1	+1.6	11.8	25	3.5	11	-		47	-	9	25	12	9	0	0	0	0	0	1	0	2	0	4	1.16		
SHAFTESBURY	9 9	207	-	-	-		-	-	-	-			-				-	-													
SWANAGE	9 9	11	10.9	6.9	8.9	+2.6	13.2	28	1.8	30		9.8	56	66	16	25	15	10	0	0	0	0	0	0	0	3		4	1.22	68	
WEYMOUTH	9 9	23	10.9	6.9	8.9		13.2	28	1.3	30	-		50	-	10	26	17	9	0	0	0	0	0	0	0		-	0	1.24	62	
WINFRITH	9 9	26	11.2	6.4	8.8		14.2	28	0.6	30			66		16	24	14	10	0	0	0	0	0	0	0	5		0			
DEVON																														
CHELDON BARTON	21 9	164	10.1	5.4	7.7		12.6	25	1.0	30	8.4		114		20	26	26	18	0	0	3	0	0	0	1	5		2	1.00		
CHIVENOR	21 9	6	-	-	-		-	-	-	-	-		-		-	-	-	-													
EXETER AIRPORT	21 9	32	11.0	7.2	9.1	+3.2	14.4	28	0.3	30		-	57		12	26	16	14	0	0	0	0	0	0	1	8	3	1	1.41	79	
EXMOUTH	9 9	59	-	-	-		-	-	-	-	-	-	-		-	-	-	-													
HARTLAND POINT	21 9	91	9.8	7.8	8.8	+1.8	11.9	22	4.3	30			69	74	15	26	25	15	0	0	2	0	0	0	0	0	0	15	0.94	60	
NEWTON ABBOT	9 9	83	11.0	6.8	8.9	+2.8	13.7	28	1.0	30	-		111	99	21	27	16	12	0	0	0	0	1	1	0	4		1	1.54	1.80	
PLYMOUTH																														
MOUNT BATTEN	21 9	27	10.8	7.9	9.3	+2.2	13.4	28	0.2	30		-	80	72	23	24	18	11	0	0	0	1	0	0	0	3	1	5	1.03	60	S
THE HOE	9 9	36	11.0	7.4	9.2	+2.3	13.6	28	0.9	30	9.1	9.6	68	63	25	24	19	12	0	0	0	0	0	0	0	3		2	1.04	57	
PRAWLE POINT	21 9	59	-	-	-		-	-	-	-	-		-		-	-			0	0	1	0	0	2				14	1.52		
SIDMOUTH	9 9	10	-	-	-		-	-	-	-																					
SLAPTON	9 9	32	11.2	6.9	9.1		12.9	28	1.0	30			101	-	35	24	19	12	0	0	0	0	0	0	0	4		0			
STARCROSS	9 9	9	11.5	6.8	9.1	+3.0	15.1	28	0.1	30	8.1		63		14	26	18	8	0	0	1	0	0	0	1	7		11	2.02	105	S
TAVISTOCK	9 9	139	10.2	6.3	8.3		13.5	28	0.6	30		9.8	120		23	21	28	21	0	0	0	0	0	1	1	9		1			
TEIGNMOUTH	9 9	6	11.5	7.4	9.5	+2.5	14.8	29	2.1	31			63	72	12	25	19	9	0	0	0	1	0	0	0	4		0	1.75	88	
TORBAY(TORQUAY)	9 9	8	11.6	7.2	9.4	+2.5	14.9	28	0.9	10		9.5	75	75	20	25	16	8	0	0	0	0	0	0	0	3		2	1.84	91	
TOTNES	9 9	84	-	-	-		-	-	-	-			-		-	-	-	-													
VIRGINSTOW	9 9	168	-	-	-		-	-	-	-			-		-	-	-	-													
CORNWALL																														
BASTREET	9 9	232	9.3	5.2	7.3		12.0	25	2.5	30			226		29	21	27	25	0	0	0	0	0	3	2	4		1	0.83		
BUDE	9 9	15	11.1	7.6	9.3	+2.4	13.0	25	1.0	30	9.2		75		17	26	25	14	0	0	0	3	0	1	1	1		2	1.40	63	
COLDROSE	9 9	81	10.6	7.0	8.8		12.4	26	0.0	30			66		18	24	23	11	0	0	0	0	0	1	1	0	:	0	1.03		
ELBRIDGE	9 9	69	10.7	6.7	8.7		13.1	27.28	0.5	30			107	81	22	24	24	14	0	0	0	0	0	2	0			1	0.96	51	
FALMOUTH	9 9	51	-	-	-		-	-	-	-			-		-	-	-	-													
FOWEY	9 9	75	10.7	7.2	8.9	+1.6	13.4	27	0.2	30			91		23	24	22	12	0	0	0	0	0	1	0	0		1			
GWENNAP HEAD	21 9	66	10.5	8.6	9.5		12.2	25	4.0	30			45		12	24	17	7	0	0	0	0	0	1	0	0	1	10			
LIZARD	9 9	73	10.7	7.7	9.2	+1.3	12.0	25	3.6	31			63		17	24	19	11	0	0	0	0	0	0	0	0		10	1.29	69	
NEWQUAY	9 9	54	10.9	8.1	9.5	+0.2	12.8	25	0.9	30			69	67	16	26	21	13	0		0	0	0	1	0	0		0	1.32	76	
PENZANCE	9 9	19	11.2	7.9	9.5	+0.5	12.7	25	0.1	30			110	85	35	24	26	16	0	0	0	0	0	0	0	0		3	1.39	74	
ROSEWARNE	9 9	76	10.7	7.4	9.1		13.1	27	0.9	30	8.8	9.5	92		25	24	24	15	0	0	1	0	2	0	0	3		2	0.85		
ST AUSTELL	9 9	94	10.6	6.6	8.6	-	12.8	27	1.2	30	-	-	100	70	22	24	27	17	0	0	0	0	1	4	0			1	1.36		
ST MAWGAN	21 9	103	10.3	7.0	9.1		12.7	25	0.7	30			81		17	26	24	15	0	0	0	0	1	1	2	0	1	1	1.12		
SCILLY(ST MARYS)	21 9	48	10.7	8.7	9.7	+1.0	12.2	25	4.9	30			73	73	15	24.26	23	13	0	0	0	0	0	0	0	1	1	5	1.50	81	
CHANNEL ISLES																														
ALDERNEY	9 9	88	10.8	7.9	9.3		12.8	25	4.5	30.31	9.4		51		11	24	20	12	0	0	0	2	1	0	0	2		6	1.09		
GUERNSEY																														
AIRPORT	21 9	104	10.6	8.2	9.4	+1.9	12.4	25	4.3	30	8.8	9.8	59		10	26	22	14	0	0	2	0	0	0	0		0	2	1.16	69	
L'ANCRESSE	9 9	5	11.6	8.6	10.1		13.6	25	3.5	30			54		10	26	20	14	0		0	0	0		0		0	0	1.36		
JERSEY																														
AIRPORT	9 9	83	10.6	7.3	8.9		13.2	25	3.6	31	9.4	10.2	74		14	14	22	16	0	0	2	0	0	1	0	2	1	1	1.14		
GOREY CASTLE	-	-	-	-	-		-	-	-	-			-		-	-	-	-											.30		
ST HELIER	9 9	47	11.0	8.0	9.5	+2.0	13.0	25	3.4	30			71	64	14	14	21	15	0		2	0	0	0	0	5		0	.30	73	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	TERMINAL HOUR OF OBSERVATION MAX.	TERMINAL HOUR OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		MEAN EARTH TEMPERATURE DEGREES C 30 CM	MEAN EARTH TEMPERATURE DEGREES C 100 CM	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	RAINFALL (TERMINAL H 09 GMT) PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT MM	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	BRIGHT SUNSHINE PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
NORTHERN IRELAND																																		
LONDONDERRY																																		
AGHANLOO	9	9	10	10.5	4.3	7.4	-	13.1	1.22	0.6	11	-	-	105	-	17	10	24	22	-	-	-	-	-	0	4	-	-	-	-	-
BANAGHER (CAUGH HILL)	9	9	216	9.2	3.4	6.3	-	12.9	1	-1.3	11	-	-	155	-	16	28	31	28	6	-	0	0	0	0	3	11	-	6	0.65	-	-
COLERAINE UNIVERSITY	9	9	23	10.2	4.0	7.1	-	13.3	1	0.3	18	6.4	7.5	96	-	15	10	28	21	2	0	1	0	0	0	0	5	-	2	0.95	85	-
COOLKEERAGH	9	9	3	10.6	4.6	7.6	-	13.4	22	1.0	12	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-
DERRYNOYD FOREST	9	9	88	9.1	3.6	6.3	-	12.1	1.27	-0.6	12	-	-	163	-	-	-	-	-	1	0	0	0	0	3	-	-	-	-	-	-	-
GARVAGH FOREST	9	9	88	9.3	3.7	6.5	-	12.9	1	-0.1	30	5.6	6.9	150	-	21	10	28	27	5	1	3	0	1	0	1	12	-	-	-	-	-
LOUGHERMORE FOREST	9	9	174	8.7	3.6	6.1	-	11.8	22	1.0	11	-	-	145	-	17	28	31	27	8	1	0	5	0	1	3	10	-	6	-	-	-
MONEYDIG	21-9		34	9.0	4.8	6.9	+2.4	13.6	1	0.4	11	6.5	-	133	120	18	25	28	24	4	0	2	3	1	0	0	8	S	2	-	-	-
SOMERSET FOREST	9	9	43	10.4	3.9	7.1	-	13.2	1	0.7	10	-	-	125	-	19	10	30	26	0	-	1	0	0	0	0	4	-	-	-	-	-
TRAAD POINT	9	9	16	9.8	4.3	7.1	-	13.4	27	0.6	11	-	-	87	-	13	28	30	19	0	-	0	0	0	-	0	-	-	-	-	-	-
ANTRIM																																		
ALDERGROVE AIRPORT	21-9		68	8.7	4.9	6.8	+2.2	12.5	1	0.0	30	6.2	7.7	82	-	13	28	29	16	5	0	0	2	0	0	0	4	4	2	0.99	88	-
ALTNAHINCH	9	9	226	8.2	3.0	5.6	-	12.5	1	-0.9	11	-	-	150	-	15	25,28	31	29	7	1	2	0	0	1	2	13	-	2	0.45	-	-
BALLYLUMFORD	9	9	24	10.0	5.2	7.6	-	13.2	1.8	1.0	11	-	-	96	-	15	28	26	18	-	-	-	-	-	0	5	-	-	-	-	-	-
BALLYMONEY	9	9	55	10.5	3.7	7.1	-	13.2	7	0.7	24	-	-	104	-	14	25	30	21	5	-	0	2	0	0	0	-	-	-	-	-	-
BALLYPATRICK FOREST	9	9	152	8.9	3.7	6.3	-	12.5	1	0.3	25	-	-	139	-	19	25	29	27	0	-	0	0	0	-	0	11	-	9	0.76	-	-
GREENMOUNT	9	9	32	9.6	3.7	6.7	-	12.6	1.22	-0.5	11	6.3	-	93	-	13	28	28	21	2	0	0	0	0	-	2	4	-	-	-	-	-
KILROOT	9	9	22	10.2	5.0	7.6	-	14.8	8	1.2	12	-	-	89	-	35	29	18	12	1	0	0	0	0	0	4	-	-	-	-	-	-
LARNE	9	9	43	9.7	4.0	6.9	-	12.8	1	0.4	30	-	-	113	-	17	28	29	23	3	1	2	1	0	0	0	-	-	-	-	-	-
LISNAFILLAN	9	9	38	9.7	4.2	6.9	-	13.2	1	-0.1	30	-	-	98	-	12	28	28	24	2	1	1	0	0	1	12	-	-	1.10	-	-	-
LOWTOWN	9	9	271	7.4	2.7	5.1	-	10.6	1	-1.0	11.12.18	5.2	-	143	-	19	28	29	28	4	2	0	0	0	2	5	13	-	2	0.83	-	-
MALUSK(HYDE PARK)	9	9	134	8.7	3.6	6.1	-	12.5	1	-1.0	12	-	-	135	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-
PARKMORE FOREST	9	9	235	7.9	2.6	5.3	-	11.1	1	-0.5	30	5.2	-	222	-	24	11	31	29	4	1	1	0	1	2	3	19	-	5	-	-	-
WOODBURN NORTH	9	9	217	8.1	3.4	5.7	-	11.9	1	-1.0	11	-	-	127	108	21	28	29	25	2	1	0	0	0	5	3	8	-	-	-	-	-
BELFAST																																		
MALONE	9	9	35	10.2	4.6	7.4	-	13.5	1	-0.5	10	6.9	-	93	-	17	25	28	20	-	-	-	-	-	0	1	13	-	-	1.21	-	-
MILLTOWN	9	9	37	10.2	4.8	7.5	-	13.2	2.3	-0.7	11	-	-	84	-	13	25	25	20	4	0	2	2	1	0	1	7	-	4	-	-	-
NEWTOWNABBEY	9	9	32	10.0	5.4	7.7	-	13.4	1	1.0	11	6.6	-	123	-	16	16	27	21	4	0	3	0	0	0	0	6	1	3	1.16	-	S
ROSEBANK	9	9	47	10.0	4.9	7.5	-	13.2	20	0.8	11	-	-	89	-	16	25	27	21	-	0	-	-	-	-	0	-	-	-	-	-	-
ROSETTA	9	9	24	10.0	4.8	7.4	-	14.8	8	1.1	11	-	-	91	-	14	25	25	20	2	0	0	0	1	0	0	-	-	-	-	-	-
STORMONT CASTLE	9	9	56	10.1	4.5	7.3	-	14.5	1	0.2	11	6.0	7.3	82	-	11	28	27	17	2	1	0	1	0	0	0	11	-	-	1.21	-	-
DOWN																																		
BALLYWALTER PARK	-	-	11	-	-	-	-	-	-	-	-	-	-	58	-	8	28	24	14	-	-	-	-	-	-	-	-	-	-	1.26	-	-
COMBER CEMETERY	9	9	11	10.1	4.9	7.5	-	12.5	20.21	0.5	11.30	-	-	74	-	12	16	25	14	1	-	1	0	0	-	0	4	-	-	-	-	-
CREIGHTONS GREEN	9	9	119	9.0	-	-	-	12.3	1	-	-	-	-	77	-	11	28	26	15	-	0	-	-	-	0	-	-	-	-	-	-	-
DOWNPATRICK	9	9	26	10.4	5.6	8.0	-	13.6	1	1.3	12	-	-	49	-	8	26	22	11	-	-	-	-	-	0	0	9	-	-	-	-	-
HELENS BAY	9	9	43	9.6	5.2	7.4	-	13.2	1	1.1	11	-	-	69	-	12	28	24	14	3	0	0	2	0	0	0	3	-	4	1.26	-	-
HILLSBOROUGH	9	9	116	9.4	4.3	6.9	+2.2	12.6	27.31	0.6	17	6.2	7.3	65	-	10	20	26	16	1	0	0	0	0	0	0	9	-	1	1.04	85	-
KILKEEL	21-9		18	9.4	5.3	7.3	-	13.2	1	1.0	11	-	-	61	-	7	29	22	17	0	0	0	0	0	0	0	1	1	3	0.89	-	S
KILLOUGH	21-9		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH	9	9	9	10.6	5.2	7.9	-	14.3	1	0.2	30	6.3	7.0	75	-	14	26	19	12	0	0	0	0	0	0	0	5	-	4	1.69	-	-
NEWRY ABBEY	9	9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMAGH																																		
ARMAGH	9	9	62	9.6	4.4	7.0	+2.1	12.5	1.22.27	-0.6	11	6.0	7.5	90	104	19	25	24	18	1	1	2	0	0	0	2	11	-	8	0.98	83	-
LOUGHGALL	9	9	25	10.0	4.8	7.4	-	13.1	27	0.5	11	-	-	86	-	19	25	27	16	2	1	1	0	0	0	0	13	-	1	1.16	-	-
LURGAN	9	9	55	9.7	4.6	7.1	-	12.9	1	0.6	11	6.4	7.5	75	-	16	25	27	15	0	-	0	0	0	-	0	10	-	-	0.67	-	-
PORTADOWN	9	9	16	10.2	4.9	7.5	-	13.2	1	0.7	30	6.9	7.8	87	-	19	25	26	17	0	-	0	0	0	-	0	8	-	-	-	-	-
TANDRAGEE	9	9	43	10.5	4.3	7.4	-	13.5	27	0.3	11	-	-	78	-	12	10	27	16	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE																																		
BARONSCOURT FOREST	9	9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS	21-9		113	8.6	4.8	6.7	-	12.3	1	-0.6	30	-	-	163	-	19	25	31	26	2	0	2	2	0	0	2	10	3	1	0.72	-	-
COOKSTOWN	9	9	77	9.6	4.2	6.9	-	13.0	1.27.28	0.0	11.30	6.4	-	112	-	15	28	28	20	6	0	0	0	0	0	0	12	-	-	1.03	-	-
KNOCKMANY FOREST	9	9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISLAP FOREST	9	9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN	9	9	169	8.9	3.5	6.2	-	11.8	27	0.5	12	-	-	227		29	7	31	29	-	0	-	-	-	0	1	13	-	-	0.71		S
POMEROY FOREST	9	9	165	8.9	3.5	6.2		12.4	28	0.5	11.12	5.0		147		19	28	30	27	0	0	0	0	1	3	8	-	-	-	-	-	-
STRABANE CONVENT	9	9	44	10.0	4.7	7.3		13.0	22.27	0.9	11			111		11	25	31	24	3	0	5	0	0	0	1	9	-	5	0.42		-
FERMANAGH																																		
CASTLE ARCHDALE FOREST	9	9	66	9.8	4.6	7.2	+2.9	12.6	1	0.5	12	6.8	7.3	136		15	28	29	27	-	0	-	-	-	0	1	11	-	0	0.81	60	-
CORGARY	9	9	156	9.7	4.4	7.1	-	13.0	27	0.3	11	-	-	147		16	25	26	26	2	-	1	0	0	0	0	2	1	-	-	-	-
KNOCKARAVAN	9	9	53	10.4	5.5	7.9		13.4	27	1.2	11	-		145	-	18	25	30	25	0	0	4	0	0	0	0	6	1	-	-	-	-
LISNASKEA	9	9	49	10.3	4.9	7.6		13.7	20	1.0	11.30			97	-	14	9	29	21	3	-	1	0	0	0	0	6		1	1.07	-	-
LOUGH NAVAR FOREST	9	9	148	8.8	3.9	6.3		11.8	22	0.0	12			212		20	25	29	28	2	0	5	0	2	0	0	9			-	-	-
PUBBLE FOREST	9	9	91	9.6	3.8	6.7		13.0	31	0.5	11			180		20	25	29	25	2	-	1	0	1	0	1	12			-	-	-

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1974

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS: MEAN	CLOUD AMOUNT OKTAS: NUMBER OF OBSERVATIONS 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: NUMBER OF OBSERVATIONS 0 - 39M	40 - 199M	200 - 399M	400 - 999M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
0 SCOTLAND N SHETLAND																																								
LERWICK	83	3	996.3	-	4.7	-	-	-	6.6	0	2	4	12	13	0	0	1	0	0	0	1	3	9	17	0	3	10	11	6	1	1	0	0	1	4	9	11	4
		9	996.0	- 9.3	4.7	-	-	-	6.1	0	2	8	12	9	0	0	0	0	0	0	2	2	14	11	2	1	12	12	6	0	0	1	0	1	2	13	11	3
		15	997.7	-	4.6	-	-	-	5.8	0	5	4	15	7	0	0	0	0	0	0	1	5	10	14	1	1	15	12	3	0	2	0	0	1	3	5	11	9
		21	998.4	-	4.2	-	-	-	6.1	0	3	8	9	11	0	0	0	0	0	0	4	10	16	1	3	8	13	7	0	2	2	1	0	6	8	8	4
ORKNEY																																								
KIRKWALL	26	3	997.9	-	5.6	0.7	8.2	88	6.2	0	4	3	11	13	0	0	0	0	0	0	1	1	7	18	4	1	9	17	4	0	1	0	0	2	8	8	10	2
		9	998.2	- 7.8	5.4	0.7	8.1	89	6.2	0	0	9	17	5	0	0	0	0	0	0	0	3	8	19	1	2	10	18	1	0	0	0	1	1	4	7	15	3
		15	1000.0	-	5.4	0.8	7.9	87	6.2	0	3	5	15	8	0	0	0	0	0	0	0	4	4	19	4	0	9	18	4	0	1	0	0	1	3	8	14	4
		21	1000.1	-	5.1	0.7	8.0	88	5.8	0	3	9	9	10	0	0	0	0	0	0	1	1	4	24	1	0	9	17	3	2	1	0	0	0	8	8	11	1
CAITHNESS																																								
WICK	37	3	999.4	-	5.0	0.9	7.7	86	5.6	0	5	6	13	7	0	0	0	0	0	0	0	1	5	14	11	0	4	21	6	0	0	0	0	1	8	13	7	2
		9	999.9	- 8.7	4.9	0.9	7.6	87	6.0	0	2	7	17	5	0	0	0	0	0	0	1	1	5	13	11	0	3	20	8	0	1	0	0	1	7	8	13	1
		15	1001.3	-	5.2	1.0	7.6	85	5.8	0	2	8	17	4	0	0	0	0	0	1	0	2	1	16	11	0	7	18	6	0	0	0	0	1	7	6	12	5
		21	1001.6	-	4.8	0.8	7.8	87	4.8	0	9	8	9	5	0	0	0	0	0	0	0	0	2	19	10	0	4	18	8	1	1	0	0	0	10	11	7	1
SUTHERLAND																																								
CAPE WRATH	113	3	997.2	-	6.2	0.6	8.7	91	6.6	0	1	7	8	15	2	0	0	2	0	1	0	1	12	10	5	5	11	10	5	0	1	1	1	0	2	14	11	1
		9	997.9	-	6.3	0.8	8.5	88	6.6	0	0	9	8	13	1	0	1	0	0	0	0	1	9	17	3	4	13	10	4	0	1	0	0	1	1	15	11	2
		15	999.6	-	6.3	0.9	8.4	87	6.4	0	0	0	10	8	11	2	0	0	2	0	0	0	1	0	10	14	4	2	14	11	4	0	0	0	0	1	3	13	8	6
		21	999.4	-	5.9	0.6	8.6	90	6.5	0	1	7	8	12	3	0	0	3	0	0	0	1	11	14	2	4	10	10	7	0	1	1	0	1	4	14	7	3
ROSS & CROMARTY																																								
STORNOWAY	5	3	999.1	-	5.8	0.6	8.5	90	5.8	0	7	3	8	13	0	0	0	0	0	0	0	0	8	13	9	1	0	13	14	4	0	2	0	0	0	5	13	9	2
		9	1000.8	- 8.5	6.1	0.8	8.4	87	5.6	0	4	10	9	8	0	0	0	0	0	0	0	6	10	14	1	1	7	19	4	0	0	0	0	0	3	8	14	6
		15	1001.9	-	5.9	0.8	8.3	87	6.3	0	0	0	10	12	9	0	0	0	0	0	0	1	5	13	12	0	1	11	12	7	0	1	0	1	0	3	13	9	4
		21	1001.1	-	5.7	0.7	8.5	89	5.9	1	3	8	5	14	0	0	0	0	0	0	0	0	7	9	15	0	2	7	10	12	0	1	1	0	1	6	12	9	1
INVERNESS-SHIRE																																								
BENBECULA	7	3	1000.8	-	7.0	0.8	9.0	89	6.3	0	1	7	12	11	0	0	0	0	0	1	2	2	3	21	2	0	13	15	3	0	1	1	0	0	5	10	12	2
		9	1002.5	- 4.1	7.0	0.9	8.8	87	5.9	0	3	9	11	8	0	0	0	0	0	0	0	3	12	14	2	2	10	18	1	0	3	0	0	0	5	5	14	4
		15	1003.4	-	7.1	1.0	8.8	86	6.6	0	0	8	10	13	0	0	0	0	0	0	3	1	15	7	5	2	10	17	1	1	3	0	1	0	4	9	9	4
		21	1002.5	-	6.7	0.7	9.0	90	6.8	0	2	3	10	16	0	0	0	0	0	1	3	4	8	12	3	1	11	13	5	1	1	0	1	2	5	6	13	2
1 SCOTLAND E MORAYSHIRE																																								
KINLOSS	6	3	1001.2	-	6.2	1.1	8.1	83	6.2	0	2	7	16	6	0	0	0	0	0	0	0	1	3	11	16	0	5	18	8	0	1	0	1	0	9	16	4	0
		9	1002.1	- 6.4	6.0	1.1	7.9	84	5.8	0	3	8	16	4	0	0	0	0	0	1	1	0	2	11	16	0	5	21	5	0	0	0	0	1	3	18	8	1
		15	1003.2	-	6.7	1.4	8.0	81	5.7	0	1	10	20	0	0	0	0	0	0	0	3	2	13	13	0	5	23	3	0	0	0	0	1	1	3	17	8	1
		21	1003.3	-	6.1	1.1	8.0	84	5.6	0	5	6	16	4	0	0	0	0	0	0	0	0	3	15	13	0	4	18	9	0	0	0	1	0	8	17	4	1
ABERDEENSHIRE																																								
DYCE	59	3	1002.5	-	5.8	1.4	7.8	79	5.0	2	9	3	8	9	0	0	0	0	0	0	0	2	1	11	17	0	5	16	10	0	0	0	0	2	6	10	11	2
		9	1002.9	- 5.4	5.5	1.3	7.3	80	5.5	0	7	4	13	6	1	0	0	0	1	0	1	2	1	2	24	0	2	19	10	0	0	0	0	0	4	13	11	3
		15	1004.1	-	6.4	1.8	7.2	74	5.1	0	8	7	10	6	0	0	0	0	0	0	0	2	4	7	18	0	3	17	11	0	0	0	0	0	6	6	16	3
		21	1004.7	-	5.1	1.3	7.2	80	4.3	2	10	4	8	7	0	0	0	0	0	0	J	3	8	20	0	3	16	12	0	0	0	0	1	5	12	12	1
FRASERBURGH	22	3	1001.7	-	6.2	0.3	9.3	95	4.8	1	9	6	4	11	0	0	0	0	0	0	0	0	0	10	21	0	3	5	15	8	0	0	0	0	2	7	10	11	1
		9	1001.8	- 5.7	6.2	0.3	9.3	96	6.1	0	3	6	12	9	1	0	0	0	1	0	0	0	0	9	21	0	3	6	13	9	0	1	0	0	1	7	11	9	2
		15	1003.4	-	6.7	0.4	9.4	95	5.4	0	2	13	11	5	0	0	0	0	0	0	0	0	0	4	27	0	4	4	13	10	0	0	0	0	0	6	10	12	3
		21	1003.8	-	5.7	0.3	9.0	96	4.7	1	9	6	6	9	0	0	0	0	0	0	0	0	0	14	17	0	2	5	13	10	1	0	0	0	0	12	12	4	2
ANGUS																																								
USAN	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1008.4	-	5.7	0.9	8.1	86	3.5	3	13	4	8	3	0	0	0	0	0	0	0	0	0	1	7	23	0	6	19	5	1	0	0	0	0	7	10	12	1
FIFE																																								
LEUCHARS	12	3	1004.4	-	6.1	1.1	8.1	84	5.7	0	5	7	7	12	0	0	0	0	0	0	0	1	6	18	6	0	7	16	7	1	0	0	0	1	3	17	8	1
		9	1004.7	- 4.1	6.2	1.2	7.9	82	5.4	0	8	6	12	7	0	0	0	0	0	0	1	1	10	13	6	0	5	19	7	0	1	0	0	1	1	19	7	2
		15	1006.1	-	6.8	1.5	7.8	78	5.4	0	5	6	18	2	0	0	0	0	0	0	0	1	8	14	8	0	4	22	5	0	0	0	1	0	1	21	8	0
		21	1006.6	-	6.1	1.2	7.9	82	5.2	0	7	7	9	8	0	0	0	0	0	0	0	1	5	20	5	0	6	20	4	1	0	0	0	1	2	20	6	1
MIDLOTHIAN																																								
TURNHOUSE	44	3	1005.6	-	6.6	1.0	8.6	86	5.9	1	4	3	13	10	0	0	0	0	0	0	0	3	12	14	2	0	5	18	8	0	0	0	1	0	1	16	12	1
		9	1006.1	- 3.4	6.6	1.2	8.2	83	5.9	0	2	9	12	8	0	0	0	0	0	0	0	2	15	11	3	0	7	19	5	0	0	0	1	0	0	10	19	1
		15	1007.3	-	7.2	1.3	8.4	81	5.8	0	4	6	18	3	0	0	0	0	0	0	0	4	14	9	4	0	3	24	4	0	0	0	0	0	1	8	22	0
		21	1007.8	-	6.7	1.2	8.3	83	5.5	0	6	5	13	7	0	0	0	0	0	0	1	1	12	17	0	0	7	21	3	0	0	0	0	0	2	12	17	0
6 SCOTLAND W ARGYLLSHIRE																																								
MACHRIHANISH	14	3	1008.9	-	8.3	1.0	9.5	86	6.5	0	1	7	8	15	0	0	0	0	0	0	0	4	11	13	3	2	15	10	4	0	0	0	0	2	2	7	15	5
		9	1007.9	-	8.1	1.1	9.3	85	6.3	0	1	5	17	8	0	0	0	0	0	0	1	5	8	15	2	3	12	16	0	0	0	0	0	1	2	8	10	10
		15	1009.0	-	8.5	1.2	9.4	84	6.7	0	2	1	19	9	0	0	0	0	0	0	1	5	11	10	4	2	13	12	3	1	0	0	0	1	2	8	11	8
		21	1008.6	-	8.2	1.0	9.5	86	6.6	0	1	7	10	13	0	0	0	0	0	0	0	4	11	14	2	3	11	14	3	0	1	0	0	0	6	11	11	2
RHUVAAL	19	3	1004.6	-	8.0	1.4	8.8	80	6.4	0	2	6	8	15	0	0	0	0	0	0	0	2	2	4	23	0	2	6	12	11	0	2	0	0	0	7	8	12	2
		9	1005.6	-	7.9	1.4	8.6	79	6.8	0	1	4	12	14	0	0	0	0	0	0	0	2	5	8	14	2	2	11	8	10	0	2	0	0	0	5	6	12	6
		15	1006.6	-	8.1	1.6	8.6	78	7.2	0	0	3	10	18	0	0	0	0	0	0	0	0	3	4	20	4	3	7	13	7	1	3	0	0	0	5	4	17	1
		21	1008.2	-	7.9	1.4	8.7	80	6.8	0	2	5	5	19	0	0	0	0	0	0	1	3	7	16	4	4	7	11	9	0	2	0	0	0	13	4	7	5
TIREE	10	3	1003.8	-	7.4	0.7	9.3	89	6.5	0	1	7	9	14	0	0	0	0	0	0	1	1	6	17	5	2	3	12	14	1	1	0	0	0	0	3	12	12	3
		9	1005.3	- 2.4	7.3	1.0	8.9	85	5.9	0	3	7	13	8	0	0	0	0	0	0	1	1	3	15	11	0	3	14	13	1	0	2	0	0	0	5	7	14	3
		15	1006.3	-	7.6	0.9	9.2	87	6.4	0	1	6	15	9	0	0	0	0	0	0	1	3	4	12	8	3	1	14	15	1	0	1	0	0	0	1	5	5	14	6
		21	1005.3	-	7.3	0.8	9.1	88	6.0	0	7	2	6	16	0	0	0	0	0	0	2	7	11	10	1	5	13	10	3	0	1	0	0	1	1	8	7	11	4
BUTESHIRE																																								
KILDONAN		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNBARTONSHIRE																																								
GLOY		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	7.1	1.3	8.4	81	6.7	0	1	7	7	16	0	0	0	0	0	0	0	0	8	23	0	0	0	6	23	2	1	0	0	0	5	11	4	9
		15	-	-	7.6	1.7	8.1	77	6.9	0	0	4	14	13	0	0	0	0	0	0	0	0	8	23	0	0	0	3	26	2	1	0	0	0	3	5	10	10
		21	-	-	7.3	1.4	8.4	80	6.7	0	4	4	2	21	0	0	0	0	0	0	0	0	12	19	0	0	0	1	27	3	0	0	0	0	4	10	9	11
RENFREWSHIRE																																								
ABBOTSINCH	9	3	1005.9	-	6.7	0.7	9.0	89	6.7	0	3	1	13	14	0	0	0	0	0	0	2	7	10	12	0	0	5	16	10	0	0	2	0	0	2	14	11	2
		9	1006.6	- 2.9	6.9	1.0	8.7	85	5.9	0	3	7	15	6	0	0	0	0	0	1	0	2	16	10	2	1	3	19	8	0	0	0	0	1	4	13	12	3
		15	1007.8	-	7.3	1.2	8.7	83	6.5	0	0	4	22	5	0	0	0	0	0	0	0	3	11	15	2	0	4	23	4	0	0	0	0	2	1	13	16	1
		21	1008.0	-	6.9	0.9	8.8	86	6.1	0	3	6	10	12	0	0	0	0	0	0	0	0	8	11	10	2	0	5	20	5	1	0	0	0	1	4	14	10	1
AYRSHIRE																																								
PRESTWICK	21	3	1007.2	-	7.7	1.0	9.1	95	6.9	0	1	3	13	14	0	0	0	0	0	0	1	4	14	12	0	0	7	18	6	0	2	0	0	0	6	13	9	1
		9	1008.1	- 1.5	7.3	1.0	8.8	85	6.6	0	1	5	12	13	0	0	0	0	0	0	0	3	15	12	1	0	6	20	5	0	1	0	0	1	2	10	11	5
		15	1009.1	-	7.7	1.1	9.0	84	6.5	0	0	0	20	5	0	0	0	0	0	0	1	7	12	9	2	0	5	22	4	0	0	0	0	1	1	10	11	4
		21	1009.2	-	7.3	1.0	8.9	86	6.3	0	3	5	9	14	0	0	0	0	0	0	0	1	11	13	0	1	5	19	6	0	0	0	0	2	6	9	10	2

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1974

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS: MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39M	40 - 199M	200 - 399M	400 - 999M	1000 - 1999M	2000 - 3999M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22 33	11 21	1 10	0	N	NE	E	SE	S	SW	W	NW
6 SCOTLAND W CONTD. DUMFRIESSHIRE									NUMBER OF OBSERVATIONS																																	
ESKDALEMUIR	237	3	1008.0	-	5.2	0.5	8.4	93	6.5	1	2	4	6	18	0	0	0	0	0	3	4	10	6	6	2	1	10	12	7	1	1	0	0	1	6	15	5	2
		9	1008.4	- 2.5	5.4	0.8	8.1	89	6.6	1	0	5	12	12	1	0	0	1	0	1	2	5	12	8	2	1	9	17	2	2	0	0	0	0	3	15	9	2
		15	1009.7	-	5.7	0.8	8.2	88	6.7	0	2	3	14	11	1	0	0	2	1	0	3	4	9	11	1	0	5	21	4	1	0	0	0	0	5	15	8	2
		21	1010.2	-	5.3	0.5	8.4	92	6.4	1	2	4	7	17	0	0	0	0	0	1	3	9	10	7	1	2	8	12	8	1	0	0	0	0	4	13	7	1
2 ENGLAND E & NE NORTHUMBERLAND																																									
ACKLINGTON	46	3	1007.8	-	6.8	1.1	8.6	84	5.0	2	7	4	9	9	0	0	0	0	0	0	1	2	1	11	16	1	4	16	10	0	1	0	0	1	8	8	12	1
		9	1007.9	- 2.2	6.7	1.0	8.6	85	5.7	0	3	8	17	2	1	0	0	0	0	1	0	4	2	9	15	0	7	14	10	0	0	0	0	0	4	8	18	1
		15	1008.9	-	7.4	1.3	8.6	81	4.8	1	8	5	16	1	0	0	0	0	0	0	1	2	7	14	7	2	4	16	9	0	0	0	0	0	3	10	16	2
		21	1010.1	-	6.7	1.0	8.5	85	5.1	1	9	3	8	10	0	0	0	0	0	0	1	2	1	14	13	0	4	20	7	0	1	0	0	1	3	11	15	0
SEAHOUSES	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1008.7	-	7.2	1.4	8.2	79	4.6	2	7	7	9	6	0	0	0	0	0	0	0	2	1	28	0	1	5	16	8	1	1	0	1	0	5	7	16	0
TYNE & WEAR																																									
TYNEMOUTH	40	3	1008.6	-	7.4	1.1	9.0	85	5.6	1	4	7	11	8	0	0	0	0	0	0	0	1	13	17	0	0	7	18	5	1	1	0	0	0	7	8	13	1
		9	1008.5	- 2.2	7.7	1.2	9.1	83	6.0	0	0	11	14	6	0	0	0	0	0	1	1	2	20	7	0	1	6	20	4	0	0	0	0	0	4	2	24	1
		15	1009.6	-	8.2	1.4	9.1	80	5.6	0	3	9	14	5	0	0	0	0	0	1	2	25	3	0	1	4	22	4	0	1	0	0	0	2	3	24	1
		21	1010.9	-	7.6	1.2	9.0	83	5.1	3	4	5	10	9	0	0	0	0	0	0	0	0	29	2	0	1	3	16	11	0	1	0	0	0	3	9	18	0
NORTH YORKSHIRE																																									
LEEMING	33	3	1010.4	-	7.4	1.3	8.5	81	5.7	1	4	6	10	10	0	0	0	0	0	0	0	0	6	12	13	1	4	15	10	1	0	0	0	2	9	7	9	3
		9	1010.6	- 1.0	7.6	1.3	8.8	82	5.8	0	3	8	15	5	0	0	0	0	0	0	1	2	6	10	12	1	2	20	8	0	0	0	0	3	1	7	18	2
		15	1011.6	-	8.5	1.8	8.5	75	5.4	0	7	5	15	4	0	0	0	0	0	0	0	1	6	16	8	0	3	24	4	0	0	0	0	1	4	5	18	3
		21	1012.7	-	7.8	1.4	8.6	79	5.7	3	4	1	12	11	0	0	0	0	0	0	0	0	3	15	13	0	4	17	10	0	1	0	0	1	5	10	14	0
WHITBY C.O.	66	3	1009.6	-	7.5	1.1	9.0	84	5.6	1	5	6	6	13	0	0	0	0	0	0	0	1	6	24	0	1	6	16	8	0	1	0	0	0	11	11	8	0
		9	1009.7	-	7.5	1.1	9.0	85	5.9	0	0	13	11	7	0	0	0	0	0	0	1	1	4	21	4	2	5	18	6	0	0	0	0	0	4	14	11	2
		15	1010.5	-	8.3	1.5	8.8	79	5.1	0	2	16	6	7	0	0	0	0	0	0	0	1	5	21	4	1	7	20	3	0	1	0	0	0	2	16	9	3
		21	1011.3	-	7.3	1.1	8.8	83	4.4	6	6	5	6	8	0	0	0	0	0	0	0	0	11	20	0	2	5	18	6	0	1	0	0	0	6	17	6	1
HUMBERSIDE																																									
KILNSEA	16	3	1012.4	-	6.9	0.7	9.1	89	5.4	2	4	8	4	13	0	0	0	0	0	0	0	2	29	0	0	1	13	15	1	1	0	0	0	0	5	14	10	1
		9	1012.1	+ 0.1	6.9	0.8	9.0	89	6.5	0	0	8	13	9	1	0	1	0	0	0	0	1	2	27	0	0	2	13	14	1	1	0	0	0	0	6	11	12	1
		15	1012.8	-	8.0	1.1	9.2	84	5.4	0	2	15	8	6	0	0	0	0	0	0	0	1	4	26	0	0	0	14	17	0	0	0	0	0	0	3	11	16	1
		21	1014.4	-	7.0	0.8	8.9	87	5.1	4	4	7	9	7	0	0	0	0	0	0	0	0	3	28	0	0	.	9	20	1	0	0	0	0	0	4	15	11	1
LINCOLNSHIRE																																									
BINBROOK	112	3	1013.0	-	5.9	0.7	8.5	89	6.0	1	3	6	8	12	1	0	1	0	0	0	0	0	9	9	11	1	0	13	17	1	0	0	0	0	0	4	16	10	1
		9	1012.8	-	6.4	0.7	8.8	90	6.9	0	0	4	19	7	1	0	1	0	0	1	1	1	6	12	9	1	0	11	18	2	0	0	0	0	6	11	13	1
		15	1013.6	-	7.3	1.3	8.5	81	5.7	1	4	7	12	7	0	0	0	0	0	0	0	0	8	11	11	1	1	8	21	1	0	0	0	0	0	2	11	17	1
		21	1015.0	-	6.0	0.8	8.4	87	6.0	1	6	1	7	16	0	0	0	0	0	0	0	4	4	18	5	0	1	3	24	3	0	0	0	0	0	3	10	9	1
WADDINGTON	70	3	1013.7	-	7.1	0.9	8.9	86	6.3	2	2	3	9	15	0	0	0	0	0	1	0	2	10	15	2	0	1	23	7	0	0	0	0	0	0	4	18	7	2
		9	1013.6	+ 0.9	7.3	1.0	9.0	86	6.6	0	3	0	19	9	0	0	0	0	0	0	1	4	7	17	2	0	1	23	7	0	0	0	0	0	0	3	13	13	2
		15	1014.4	-	8.5	1.6	8.8	78	5.2	0	9	5	10	7	0	0	0	0	0	0	0	3	9	19	0	0	2	26	3	0	0	0	0	0	1	6	21	3
		21	1015.7	-	7.3	1.1	8.8	84	5.6	4	3	3	10	11	0	0	0	0	0	0	1	7	15	7	1	0	1	24	6	0	0	0	0	0	2	16	11	2
3 EAST ANGLIA NORFOLK																																									
COLTISHALL	17	3	1015.0	-	7.3	1.1	8.7	84	5.8	4	2	2	12	11	0	0	0	0	0	0	0	6	14	10	1	0	3	20	7	1	0	0	0	0	5	13	10	2
		9	1014.6	-	7.6	1.2	8.8	83	6.8	0	1	3	19	8	0	0	0	0	0	0	1	3	9	16	2	0	4	22	5	0	0	0	0	0	4	15	10	2
		15	1014.9	-	8.8	1.6	9.1	79	5.9	0	5	3	17	6	0	0	0	0	0	0	1	2	13	12	3	0	4	22	5	0	0	0	0	0	2	8	20	1
		21	1016.6	-	7.3	1.2	8.6	82	5.2	4	4	4	10	9	0	0	0	0	0	0	0	5	13	13	0	0	1	24	6	0	0	0	0	0	3	14	11	3
GORLESTON	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1015.0	+ 1.9	7.6	1.1	9.0	85	6.6	0	1	6	11	13	0	0	0	0	0	1	0	2	28	0	0	0	3	22	6	0	1	0	0	0	6	12	11	1
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1016.9	-	7.6	1.2	8.9	83	3.9	12	1	5	1	12	0	0	0	0	0	0	0	1	30	0	0	0	3	18	10	0	0	0	0	0	3	12	15	1
MARHAM	24	3	1015.3	-	6.9	0.7	9.2	90	6.3	3	1	3	11	13	0	0	0	0	0	0	0	3	14	12	2	0	3	23	5	0	0	0	0	0	6	16	8	1
		9	1015.0	+ 1.8	7.3	0.7	9.5	90	6.6	0	2	2	19	8	0	0	0	0	0	1	0	4	8	13	5	0	3	24	4	0	0	0	0	0	7	13	10	1
		15	1015.5	-	8.7	1.3	9.4	82	5.6	0	8	1	14	7	0	0	0	0	0	0	0	2	9	16	4	0	2	25	4	0	0	0	0	0	3	10	16	2
		21	1017.0	-	7.0	0.7	9.1	89	5.4	3	4	5	8	11	0	0	0	0	0	0	0	5	11	14	1	0	1	18	12	0	0	0	0	0	8	14	7	2
CAMBRIDGESHIRE																																									
WITTERING	76	3	1015.2	-	7.2	1.1	8.7	83	5.6	1	4	6	11	9	0	0	0	0	0	0	0	2	10	15	4	0	4	18	9	0	0	0	0	0	4	13	13	1
		9	1015.0	+ 1.9	7.3	1.1	8.8	84	6.3	0	4	3	19	5	0	0	0	0	0	0	1	0	5	19	6	0	3	23	5	0	0	0	0	0	4	13	12	2
		15	1015.8	-	8.6	1.9	8.5	74	5.3	0	8	3	15	5	0	0	0	0	0	0	0	0	5	18	8	0	1	23	7	0	0	0	0	0	1	9	17	4
		21	1017.1	-	7.6	1.3	8.7	82	5.9	3	2	5	10	11	0	0	0	0	0	0	0	1	10	19	1	0	1	22	8	0	0	0	0	0	3	14	12	2
WYTON	43	3	1015.9	-	7.5	1.1	9.0	85	5.8	3	3	4	10	11	0	0	0	0	0	0	0	1	12	14	4	0	5	20	6	0	0	0	0	0	7	15	8	1
		9	1015.8	-	7.6	1.1	9.1	85	6.7	0	1	4	17	9	0	0	0	0	0	0	0	3	7	17	4	0	1	25	5	0	0	0	0	0	8	15	7	1
		15	1016.3	-	9.1	1.8	9.0	76	5.5	0	7	4	16	4	0	0	0	0	0	0	0	2	8	19	2	0	4	22	5	0	0	0	0	1	2	10	17	1
		21	1017.7	-	7.7	1.2	9.0	83	5.9	2	4	3	11	11	0	0	0	0	0	0	0	3	12	15	1	0	1	22	8	0	0	0	0	0	6	17	7	1
SUFFOLK																																									
ALDEBURGH	9	9	-	-		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	1018.6	-		-	-		5.7	0	5	5	13	8	0	0	0	0	0	0	1	5	25	0	0	0	8	21	2	0	0	0	0	1	0	6	23	1
		21	1018.6	-	-	-	-		3.5	13	7	5	3	8	0	0	0	0	0	0	0	3	28	0	0	1	2	23	5	0	0	0	0	0	1	12	15	3
HONINGTON	51	3	1015.9	-	7.3	1.2	8.7	83	5.9	2	2	7	8	12	0	0	0	0	0	0	0	2	17	10	2	0	1	22	8	0	0	0	0	0	4	9	17	1
		9	1015.7	-	7.5	1.1	8.9	84	6.8	0	2	1	20	8	0	0	0	0	0	0	1	6	6	12	6	0	3	23	5	0	0	0	0	0	4	9	15	3
		15	1016.0	-	9.0	1.7	9.0	77	5.7	0	5	5	16	5	0	0	0	0	0	0	0	2	8	14	7	0	4	23	4	0	0	0	0	0	2	4	23	2
		21	1017.6		7.5	1.3	8.7	81	5.7	4	1	5	13	8	0	0	0	0	0	0	0	5	11	13	2	0	1	24	6	0	0	0	0	0	1	9	18	3
WATTISHAM	91	3	1016.6	-	6.6	0.8	8.9	89	5.9	3	2	5	9	12	0	0	0	0	0	0	0	5	8	8	0	0	5	20	6	0	0	0	0	0	6	15	9	1
		9	1016.3	-	6.9	0.8	9.0	89	6.6	2	2	3	17	9	0	0	0	0	0	1	2	5	11	9	3	0	5	21	5	0	0	0	0	0	6	15	9	1
		15	1016.5	-	8.4	1.2	9.3	83	6.0	0	4	4	18	5	0	0	0	0	0	0	0	4	11	15	1	0	4	25	2	0	0	0	0	1	2	11	16	1
		21	1018.2	-	6.8	0.8	8.9	88	6.2	2	1	4	15	9	0	0	0	0	0	0	0	7	13	11	0	0	2	23	6	0	0	0	0	0	5	16	8	2
BEDFORDSHIRE																																									
CARDINGTON	30	3	1016.7	-	7.6	0.9	9.2	87	6.0	1	4	4	13	9	0	0	0	0	0	0	0	0	17	6	0	0	3	17	11	0	1	0	0	0	0	5	23	2
		9	1016.5	+ 2.7	7.7	0.9	9.3	87	6.3	0	2	4	18	7	0	0	0	0	0	0	0	6	17	8	0	0	3	19	9	0	0	0	0	0	0	2	21	3
		15	1017.0	-	9.2	1.7	9.2	78	5.6	0	6	6	12	7	0	0	0	0	0	0	1	3	14	11	2	0	3	20	8	0	1	0	0	0	1	7	23	4
		21	1018.4	-	7.8	1.1	9.2	85	5.8	1	5	4	9	12	0	0	0	0	0	0	0	6	20	5	0	0	2	21	8	0	.	0	0	0	1	5	21	3

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT: OKTAS MEAN	NUMBER OF OBSERVATIONS 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: NUMBER OF OBSERVATIONS 0 - 39M	40 - 199M	200 - 399M	400 - 999M	1000 - 1999M	2000 - 3999M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE / SPEED (KT) 34 OR MORE	8 OR MORE	22 33	6-7	11 21	4 5	1 10	1-3	0 CALM	N	NE	E	SE	S	SW	W	NW
3 EAST ANGLIA -CONTD.																																										
ESSEX																																										
SHOEBURYNESS	5	9	1017.8	+ 3.7	8.1	0.9	9.6	87	6.6	0	2	2	20	7	0	0	0	0	0	0	0	4	12	10	5	0	2	24	5	0	0	0	0	0	5	12	13	1				
		15	1017.9	-	9.7	1.7	9.5	78	5.9	0	4	6	13	8	0	0	0	0	0	0	0	2	12	14	3	0	3	19	9	0	0	0	0	0	1	7	22	1				
		21	1019.5	-	8.4	1.2	9.3	83	5.8	3	2	5	8	13	0	0	0	0	0	0	0	4	8	15	4	0	1	19	11	0	0	0	0	0	3	11	16	1				
STANSTED	102	3	1017.0	-	7.0	1.0	8.8	86	6.0	1	3	5	11	11	0	0	0	0	0	0	0	7	11	13	0	0	0	18	13	0	1	0	0	0	3	19	7	1				
		9	1016.9	+ 3.0	7.3	0.9	9.0	86	6.7	0	2	3	17	9	0	0	0	0	0	0	2	4	8	14	3	0	2	15	14	0	0	0	0	0	4	14	11	2				
		15	1017.1	-	8.8	1.6	9.0	77	5.5	0	6	6	13	6	0	0	0	0	0	0	0	2	9	16	4	0	1	19	11	0	0	0	0	0	1	9	18	3				
		21	1018.6	-	7.4	1.2	8.8	83	6.1	3	2	2	12	12	0	0	0	0	0	0	0	4	16	9	2	0	0	17	14	0	0	0	0	0	2	12	15	2				
WALTON-ON-THE-NAZE	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 MIDLAND COUNTIES																																										
WEST YORKSHIRE																																										
HUDDERSFIELD (DARES)	235	3	1012.0	-	5.8	0.6	8.5	90	7.1	0	0	3	13	15	0	0	0	0	0	0	0	2	4	12	13	0	6	14	10	1	0	0	0	0	0	4	9	17	1				
		9	1012.4	-	6.2	0.7	8.7	89	6.4	1	0	4	16	10	0	0	0	0	0	0	0	4	15	12	0	7	5	13	6	0	0	0	0	0	1	11	17	2				
		15	1013.3	-	6.8	0.9	8.7	86	6.2	0	2	6	14	9	0	0	0	0	0	0	0	1	16	14	0	5	12	14	0	0	0	0	0	1	6	20	4				
		21	1014.2	-	6.4	0.7	8.7	89	5.9	2	3	5	8	13	0	0	0	0	0	0	0	0	17	14	0	4	11	12	4	0	0	0	0	0	2	11	14	4				
WILSDEN	267	3	1012.1	-	6.0	0.8	8.4	87	6.1	0	3	7	9	12	0	0	0	0	0	0	1	12	18	0	0	0	15	12	4	0	1	0	0	0	4	11	14	1				
		9	1012.2	-	6.0	0.8	8.5	88	6.5	0	2	4	10	15	0	0	0	0	0	0	3	7	19	2	0	1	12	16	2	0	0	0	0	0	2	12	16	1				
		15	1013.3	-	6.6	1.1	8.3	84	6.1	0	3	7	11	10	0	0	0	0	1	0	1	5	18	5	1	1	11	18	0	1	0	0	0	0	2	6	21	1				
		21	1014.3	-	6.2	0.9	8.3	86	6.2	1	2	6	7	15	0	0	0	0	0	0	0	12	18	1	0	0	8	21	2	0	0	0	0	0	2	10	18	1				
SOUTH YORKSHIRE																																										
FINNINGLEY	15	3	1012.6	-	7.3	1.1	8.8	84	5.4	1	5	8	5	12	0	0	0	0	0	1	0	1	11	12	6	0	5	20	5	1	0	0	0	0	11	7	11	1				
		9	1012.5	+ 0.2	7.7	1.2	8.9	83	6.0	0	2	7	16	6	0	0	0	0	0	1	0	3	10	15	2	1	2	23	5	0	0	0	0	1	5	11	13	1				
		15	1013.4	-	8.9	1.8	8.7	75	5.7	1	3	7	13	7	0	0	0	0	0	0	0	0	21	9	1	1	3	19	8	0	0	0	0	0	4	8	16	3				
		21	1014.6	-	7.7	1.3	8.8	81	5.6	1	3	9	7	11	0	0	0	0	0	0	0	5	16	9	1	0	2	23	6	0	0	0	0	0	7	12	9	3				
NOTTINGHAMSHIRE																																										
WATNALL	119	3	1014.2	-	7.1	0.9	9.0	87	6.2	0	3	6	9	13	0	0	0	0	0	0	1	4	19	7	0	0	3	20	8	0	1	0	0	0	9	15	6	0				
		9	1014.1	+ 1.4	7.3	1.0	8.9	85	6.4	0	2	5	15	9	0	0	0	0	0	3	2	7	11	7	1	0	3	19	9	0	0	0	0	0	4	18	7	2				
		15	1015.2	-	8.4	1.6	8.8	78	6.0	0	3	5	16	7	0	0	0	0	0	0	1	6	13	11	0	0	2	25	4	0	0	0	0	0	2	15	14	0				
		21	1016.2	-	7.4	1.0	9.0	86	6.1	2	2	4	10	13	0	0	0	0	0	0	1	9	19	2	0	0	1	25	5	0	0	0	0	0	7	18	4	2				
SALOP																																										
SHAWBURY	76	3	1014.8	-	8.1	1.3	9.1	82	6.6	0	1	7	5	18	0	0	0	0	0	0	0	0	6	25	0	0	5	11	15	0	0	0	0	0	6	9	13	3				
		9	1015.1	+ 2.2	8.0	1.3	9.0	82	6.1	0	1	9	15	6	0	0	0	0	0	0	0	1	4	21	5	0	3	17	11	0	1	0	0	0	3	8	18	1				
		15	1016.1	-	9.1	1.8	8.9	76	6.1	0	1	7	19	4	0	0	0	0	0	0	0	1	5	20	5	0	0	22	9	0	0	0	0	0	3	7	18	3				
		21	1016.6	-	8.0	1.2	9.1	83	5.8	1	4	5	12	9	0	0	0	0	0	0	0	0	6	24	1	0	1	16	14	0	0	0	0	1	3	11	15	1				
WEST MIDLANDS																																										
EDGBASTON	165	9	1016.0	+ 2.6	7.4	0.8	9.3	88	6.8	0	1	2	21	7	0	0	0	0	0	0	2	7	16	3	3	0	0	18	12	1	0	0	0	0	3	15	11	1				
		15	1016.7	-	8.7	1.5	9.0	79	6.2	0	1	6	21	3	0	0	0	0	0	0	0	6	17	4	4	0	2	20	9	0	0	0	0	0	1	9	17	4				
		21	1017.6	-	7.6	0.8	9.4	88	5.9	1	3	6	12	9	0	0	0	0	0	0	0	2	20	7	2	0	1	14	16	0	0	0	0	0	4	12	13	2				
ELMDON	100	3	1015.8	-	7.7	1.1	9.0	84	6.3	0	2	6	12	11	0	0	0	0	0	0	1	3	8	18	1	0	4	22	5	0	1	0	0	0	7	12	9	2				
		9	1015.8	+ 2.5	7.7	1.3	8.8	82	6.5	0	2	2	21	6	0	0	0	0	0	0	1	2	20	6	2	0	3	23	5	0	0	0	0	0	5	10	15	1				
		15	1016.5	-	9.0	2.0	8.6	73	5.8	0	2	8	17	4	0	0	0	0	0	0	0	3	17	10	1	0	7	22	2	0	0	0	0	0	3	9	15	4				
		21	1017.6	-	8.0	1.3	8.9	81	5.9	1	3	6	13	8	0	0	0	0	0	0	0	2	20	9	0	0	1	24	6	0	0	0	0	0	4	18	7	2				
HEREFORD & WORCESTER																																										
PERSHORE	36	3	1016.4	-	8.1	1.2	9.2	83	6.4	0	4	4	8	15	0	0	0	0	0	0	0	5	3	20	3	0	4	17	10	0	0	0	0	0	8	15	6	2				
		9	1016.6	-	8.1	1.2	9.2	84	6.7	0	0	4	20	7	0	0	0	0	0	0	0	4	6	17	4	0	1	24	5	1	0	0	0	0	6	14	10	0				
		15	1017.4	-	9.5	1.9	9.0	74	6.2	0	3	4	19	5	0	0	0	0	0	0	0	2	4	17	8	0	1	25	5	0	0	0	0	0	4	10	15	2				
		21	1018.2	-	8.3	1.3	9.1	81	5.9	2	2	5	11	11	0	0	0	0	0	0	0	1	9	17	4	0	1	21	9	0	0	0	0	0	7	17	5	2				
GLOUCESTERSHIRE																																										
GLOUCESTER	24	3	1017.3	-	8.8	1.1	9.9	85	6.6	1	2	2	9	17	0	0	0	0	0	0	0	6	15	10	0	0	5	17	9	0	1	0	0	1	10	14	5	0				
		9	1017.6	+ 3.7	8.8	1.0	9.9	86	6.8	0	1	2	19	9	0	0	0	0	0	0	0	7	10	14	0	0	3	18	8	2	0	0	0	0	7	14	8	0				
		15	1018.4	-	10.1	1.7	9.8	77	6.3	0	2	5	18	6	0	0	0	0	0	0	0	5	7	13	6	0	1	17	13	0	0	0	0	0	4	15	12	0				
		21	1019.2	-	9.0	1.3	9.7	83	6.1	1	3	4	16	7	0	0	0	0	0	0	0	3	17	8	3	0	2	24	5	0	0	0	0	0	6	20	3	2				
LITTLE RISSINGTON	229	3	1017.3	-	6.6	0.8	8.8	88	6.3	1	3	4	10	13	0	0	1	0	0	0	1	4	7	15	3	0	7	18	6	0	1	0	0	0	4	16	9	1				
		9	1017.4	+ 3.6	6.8	0.8	8.9	88	6.6	0	2	3	14	12	0	0	1	1	0	0	0	6	3	16	4	0	5	22	4	0	1	0	0	0	2	14	13	1				
		15	1018.0	-	8.1	1.5	8.7	78	5.7	0	5	5	14	7	0	0	0	0	0	0	0	4	4	16	7	0	3	25	3	0	0	0	0	0	1	12	17	1				
		21	1019.2	-	6.8	0.9	8.7	86	6.2	1	4	2	11	12	1	0	1	0	0	0	1	5	9	9	6	0	3	22	6	0	0	0	0	0	5	15	9	2				
OXFORDSHIRE																																										
ABINGDON	73	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIZE NORTON	92	3	1017.5	-	7.6	1.0	9.2	86	6.3	1	2	5	10	13	0	0	0	0	0	0	0	6	4	19	2	0	1	12	18	0	0	0	0	0	5	18	7	1				
		9	1017.5	-	7.8	1.1	9.1	84	6.4	0	3	3	15	10	0	0	0	0	0	0	1	3	13	11	3	0	1	17	13	0	0	0	0	0	4	15	11	1				
		15	1018.1	-	9.3	1.8	9.1	76	6.0	0	3	6	16	6	0	0	0	0	0	0	0	1	14	11	5	0	0	19	12	0	0	0	0	0	3	12	14	2				
		21	1019.3	-	7.9	1.1	9.1	84	6.0	3	2	2	12	12	0	0	0	0	0	0	1	3	11	15	1	0	0	11	20	0	0	0	0	0	6	19	5	2				
S ENGLAND SE & CENT. S.																																										
GREATER LONDON																																										
HEATHROW	26	3	1018.5	-	8.0	1.0	9.4	86	6.1	1	3	5	10	12	0	0	0	0	0	0	0	4	10	16	1	0	0	14	17	0	1	0	0	0	3	13	13	1				
		9	1018.3	+ 4.2	8.1	1.0	9.5	86	6.3	0	3	3	19	6	0	0	0	0	0	1	2	13	15	0	0	0	0	15	16	3	0	0	0	0	0	10	16	2				
		15	1018.5	-	9.8	1.7	9.5	77	5.7	0	5	6	13	7	0	0	0	0	0	0	0	0	13	18	0	0	0	14	17	0	0	0	0	0	1	6	21	3				
		21	1020.1	-	8.5	1.2	9.4	83	6.4	0	3	3	14	11	0	0	0	0	0	0	0	4	14	13	0	0	0	13	18	0	0	0	0	0	2	10	15	4				
KEW	10	3	1018.2	-	8.2	1.6	8.9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1018.2	+ 4.0	8.3	1.6	9.0	80	6.5	0	2	3	17	9	0	0	0	0	0	0	0	2	10	17	2	0	0	16	15	0	0	0	0	0	10	15	4	2				
		15	1018.5	-	9.9	2.4	8.9	71	5.7	0	5	4	16	6	0	0	0	0	0	0	0	2	9	17	3	0	0	15	16	0	0	0	0	0	5	11	14	1				
		21	1019.8	-	8.8	1.9	8.8	76	6.1	1	4	3	8	15	0	0	0	0	0	0	0	4	20	7	0	0	0	13	18	0	0	0	0	0	6	18	6	1				

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT: OKTAS: MEAN	CLOUD AMOUNT: NUMBER OF OBSERVATIONS: 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: NUMBER OF OBSERVATIONS: 0 - 39M	40 - 199M	200 - 399M	400 - 999M	1000 - 1999M	2000 - 3999M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
S ENGLAND SE & CENT. S.																																									
WILTSHIRE																																									
BOSCOMBE DOWN	128	3	1019.0	-	7.4	0.8	9.3	88	6.5	2	3	0	10	16	0	0	0	0	0	0	0	3	9	18	1	0	3	21	7	0	1	0	0	0	5	10	14	1
		9	1019.0	+ 4.4	7.4	1.0	9.1	86	6.3	0	3	4	15	9	0	0	0	0	0	0	1	3	7	19	1	0	3	20	7	1	0	1	0	0	4	11	13	1
		15	1019.4	-	8.7	1.2	9.5	83	6.6	0	1	5	16	9	0	0	0	0	0	0	0	1	2	4	19	5	0	4	20	7	0	0	0	0	4	5	20	2
		21	1020.5	-	7.7	0.9	9.3	87	6.5	1	2	3	9	16	0	0	0	0	0	0	0	3	14	14	0	0	2	18	11	0	0	0	0	0	5	10	13	3
LYNEHAM	149	3	1018.4	-	7.4	0.7	9.4	89	6.7	0	2	4	12	13	0	0	0	0	0	0	0	4	12	13	2	0	4	15	12	0	1	0	0	0	3	14	12	1
		9	1018.6	+ 4.3	7.3	0.7	9.3	89	6.7	0	2	3	14	12	0	0	0	0	0	1	0	5	11	13	1	0	2	22	7	0	0	0	0	0	2	7	22	0
		15	1019.1	-	8.6	1.2	9.4	83	6.3	0	3	4	15	9	0	0	0	0	0	0	0	3	8	18	2	0	2	22	7	0	0	0	0	0	2	7	22	0
		21	1020.1	-	7.6	0.9	9.3	87	6.3	1	3	4	7	16	0	0	0	0	0	0	2	7	9	11	2	0	1	17	13	0	0	0	0	0	1	19	9	2
UPAVON	183	9	1019.0	-	6.7	0.6	9.1	91	6.5	0	3	2	13	12	1	0	1	0	0	0	0	6	9	14	1	0	3	18	10	0	0	0	1	0	4	8	17	1
		15	1019.4	-	8.2	1.0	9.5	86	6.4	0	2	6	13	10	0	0	0	0	0	0	0	3	12	14	2	0	6	18	7	0	0	0	0	0	2	8	16	5
		21	1020.5	-	7.1	0.6	9.3	90	6.4	3	1	2	9	16	0	0	0	0	0	0	0	4	16	11	0	0	2	14	14	1	0	0	0	0	4	9	14	3
KENT																																									
DUNGENESS	7	3	1019.5	-	-	-	-	-	6.1	1	3	5	4	18	0	0	0	0	0	0	0	1	9	21	0	1	9	17	4	0	1	0	0	0	4	4	21	1
		9	1019.3	-	8.2	0.9	9.8	88	6.5	1	1	4	14	11	0	0	0	0	0	0	0	2	13	19	0	0	10	19	2	0	0	0	0	0	3	7	20	1
		15	1019.2	-	-	-	-	-	6.1	1	4	2	15	9	0	0	0	0	0	0	0	1	10	20	0	0	10	18	3	0	0	0	0	0	2	4	24	1
		21	1020.8	-	-	-	-	-	5.3	2	8	2	5	13	1	0	1	0	0	0	0	1	3	26	0	0	6	20	5	0	0	0	0	0	3	3	24	1
MANSTON	45	3	1018.7	-	7.3	1.0	9.0	86	5.8	1	3	9	6	12	0	0	0	0	0	0	0	2	11	16	2	0	3	16	12	0	0	0	0	0	0	7	14	8	2
		9	1018.3	-	7.8	1.0	9.3	86	6.4	0	2	2	22	5	0	0	0	0	0	0	0	5	9	16	1	0	2	19	10	0	0	0	0	0	0	7	13	8	3
		15	1018.3	-	9.2	1.5	9.5	80	6.1	0	4	4	14	9	0	0	0	0	0	0	0	1	11	16	3	0	2	20	9	0	0	0	0	0	0	3	10	16	2
		21	1020.0	-	7.5	1.0	9.1	86	5.9	4	1	3	11	12	0	0	0	0	0	0	0	1	11	18	1	0	1	17	13	0	0	0	0	0	6	15	7	3
WEST SUSSEX																																									
GATWICK	60	3	1019.4	-	7.5	0.9	9.3	87	6.2	1	3	4	12	11	0	0	0	0	0	0	1	4	18	8	0	0	3	13	15	0	1	1	0	0	3	17	9	0
		9	1019.1	+ 4.6	7.6	0.8	9.4	88	6.5	0	2	3	16	10	0	0	0	0	0	0	2	10	8	10	1	0	1	17	13	0	0	0	0	0	2	16	11	2
		15	1019.3	-	9.3	1.7	9.3	77	6.1	0	4	4	16	7	0	0	0	0	0	0	0	5	11	15	0	0	1	22	8	0	0	0	0	0	1	9	20	1
		21	1020.8	-	7.9	1.0	9.3	86	6.5	1	2	3	11	14	0	0	0	0	0	0	1	7	15	8	0	0	0	15	16	0	0	0	0	0	1	16	11	3
THORNEY ISLAND	5	3	1019.9	-	8.6	1.1	9.7	85	6.5	0	3	5	8	15	0	0	0	0	0	0	0	3	9	18	1	0	3	17	11	0	0	0	0	0	3	12	14	2
		9	1019.9	+ 5.0	8.4	0.9	9.8	87	6.2	0	5	2	14	10	0	0	0	0	0	0	0	5	9	10	7	0	5	15	11	0	0	0	0	0	2	9	18	2
		15	1020.1	-	9.7	1.6	9.6	78	6.3	0	3	4	15	9	0	0	0	0	0	0	0	3	7	15	6	0	4	22	5	0	0	0	0	0	1	5	22	3
		21	1021.4	-	8.6	1.0	9.8	86	6.3	2	3	2	7	17	0	0	0	0	0	1	0	4	11	14	1	0	1	18	12	0	0	0	0	0	4	7	17	3
EAST SUSSEX																																									
EASTBOURNE C.O.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7A ENGLAND NW & I.O.M.																																									
CUMBRIA																																									
CARLISLE	28	3	1008.8	-	7.4	0.8	9.2	88	6.5	0	4	3	7	17	0	0	0	0	0	0	0	7	12	12	0	0	4	19	8	0	0	0	1	0	4	16	8	2
		9	1009.4	- 1.4	7.3	1.0	9.0	86	6.9	0	1	1	20	9	0	0	0	0	0	0	0	2	4	23	1	0	4	19	8	0	0	0	0	0	3	2	14	11	1
		15	1010.4	-	8.1	1.2	9.2	84	6.5	0	1	4	19	7	0	0	0	0	0	0	0	3	10	17	1	0	2	23	5	1	0	0	0	0	0	1	14	14	1
		21	1011.1	-	7.6	0.9	9.2	87	6.7	0	2	3	10	16	0	0	0	0	0	0	0	3	19	9	0	0	3	18	10	0	1	0	0	0	1	2	15	12	0
LANCASHIRE																																									
SQUIRES GATE	11	3	1012.5	-	7.7	0.7	9.7	90	7.1	0	0	4	12	15	0	0	0	0	0	0	0	5	4	18	4	0	5	23	3	0	0	1	0	0	1	7	13	8	1
		9	1013.0	+ 1.2	7.9	0.7	9.7	89	6.6	0	2	3	17	9	0	0	0	0	0	0	1	4	10	13	3	0	6	23	2	0	1	0	0	0	3	2	12	13	0
		15	1014.1	-	8.5	1.0	9.7	86	6.5	0	1	5	18	7	0	0	0	0	0	0	0	4	13	14	0	1	4	24	2	0	0	0	0	0	1	3	11	15	1
		21	1014.4	-	7.9	0.7	9.7	90	6.1	0	4	5	7	15	0	0	0	0	0	0	0	4	11	15	1	0	2	19	3	0	0	0	0	0	1	6	12	10	2
MERSEYSIDE																																									
SPEKE	24	3	1013.2	-	8.0	1.0	9.3	85	6.4	0	1	7	14	9	0	0	0	0	0	0	0	1	7	18	5	0	7	16	8	0	0	1	0	1	9	6	11	3
		9	1013.5	+ 1.1	8.2	0.9	9.6	87	6.6	0	1	4	20	6	0	0	0	0	0	0	2	1	6	15	7	0	1	25	5	0	0	0	0	1	3	6	20	1
		15	1014.6	-	9.0	1.3	9.5	82	6.1	0	2	5	22	2	0	0	0	0	0	0	0	1	12	15	3	0	3	21	6	0	1	0	0	0	4	5	18	3
		21	1015.1	-	8.5	0.9	9.8	87	5.9	0	5	4	13	9	0	0	0	0	0	0	0	2	7	19	3	0	3	19	9	0	1	0	0	0	6	7	15	2
GREATER MANCHESTER																																									
RINGWAY	84	3	1013.5	-	7.9	1.5	8.6	79	6.4	0	3	4	14	10	0	0	0	0	0	0	1	1	8	20	1	0	4	18	9	0	1	0	0	0	11	9	9	1
		9	1013.7	+ 1.3	8.0	1.5	8.7	80	6.6	0	2	2	19	8	0	0	0	0	0	0	1	2	11	15	0	0	1	21	9	0	0	0	0	0	10	7	13	1
		15	1014.7	-	9.0	2.0	8.5	73	6.5	0	1	4	21	5	0	0	0	0	0	0	0	3	18	10	0	0	4	22	5	0	0	0	0	0	7	6	16	2
		21	1015.3	-	8.1	1.5	8.7	79	6.4	0	3	4	11	13	0	0	0	0	0	1	0	5	9	16	0	0	2	17	11	1	0	0	0	0	12	9	7	2
ISLE OF MAN																																									
POINT OF AYRE	9	3	1009.9	-	8.1	0.8	9.7	89	6.4	0	0	8	10	13	0	0	0	0	0	0	0	0	4	12	15	2	12	13	4	0	0	0	0	1	1	13	14	2
		9	1010.8	+ 0.4	8.1	0.8	9.7	89	5.7	0	1	12	12	6	0	0	0	0	0	0	0	0	4	20	7	1	12	6	2	0	0	0	0	1	3	8	17	2
		15	1011.7	-	8.3	1.1	9.4	85	5.6	0	0	14	15	2	0	0	0	0	0	0	0	1	5	17	8	0	9	18	3	1	1	3	0	1	0	10	12	3
		21	1012.0	-	8.3	0.8	9.9	89	5.5	0	4	8	11	8	0	0	0	0	0	0	0	1	2	12	16	1	9	18	3	0	0	0	0	0	5	10	15	1
RONALDSWAY	21	3	1010.9	-	8.1	1.2	9.1	83	6.6	0	3	3	9	16	0	0	0	0	0	0	0	4	9	14	4	0	12	16	2	1	0	0	0	0	4	14	10	2
		9	1011.9	+ 0.8	8.1	1.3	8.9	81	6.5	0	2	4	16	9	0	0	0	0	0	0	1	0	12	10	8	0	5	24	2	0	0	0	0	0	3	11	16	1
		15	1012.9	-	8.7	1.6	8.9	78	6.4	0	3	2	20	6	0	0	0	0	0	0	1	1	13	13	3	0	7	22	2	0	0	0	0	0	4	9	16	2
		21	1012.9	-	8.2	1.1	9.3	84	6.8	0	2	4	9	16	0	0	0	0	0	2	4	11	10	4	0	9	18	4	0	0	0	0	0	8	9	12	2
7B WALES N																																									
GWYNEDD																																									
BARDSEY ISLAND	19	3	1014.6	-	9.4	0.3	11.3	96	7.2	0	0	5	3	22	1	1	0	0	0	0	1	2	26	1	0	11	15	2	2	0	1	0	0	0	3	17	10	0
		9	1015.1	-	9.3	0.4	11.2	95	6.8	0	0	7	9	15	0	0	0	0	0	0	0	5	25	1	0	13	12	5	1	0	1	0	0	0	3	13	14	0
		15	1016.3	-	9.5	0.4	11.3	94	7.1	0	0	0	5	19	0	0	0	0	0	0	0	4	21	6	0	9	16	5	1	0	0	0	0	0	5	8	15	3
		21	1016.4	-	9.5	0.3	11.4	95	6.5	0	2	6	4	19	0	0	0	0	0	0	0	4	25	2	0	9	14	6	2	0	0	0	0	0	5	14	11	1
VALLEY	11	3	1013.5	-	8.8	1.3	9.4	82	6.8	0	1	6	7	17	0	0	0	0	1	0	0	12	8	9	1	2	16	12	1	0	1	0	0	0	7	14	7	2
		9	1014.4	+ 2.7	8.6	1.4	9.1	80	6.7	0	2	3	14	12	0	0	0	0	0	0	0	7	8	12	4	2	12	17	0	0	0	0	0	0	5	11	12	3
		15	1015.6	-	9.0	1.6	9.1	78	7.0	0	0	2	20	9	0	0	0	0	0	0	2	10	7	9	3	1	16	12	2	0	0	0	0	0	7	11	10	3
		21	1015.4	-	8.7	1.3	9.4	82	6.5	0	2	6	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8A WALES S																																									
DYFED																																									
ABERPORTH	134	3	1016.5	-	8.6	0.7	10.1	90	6.6	1	1	5	8	16	0	0	0	0	0	0	2	9	11	8	1	0	10	19	2	0	1	0	0	0	9	11	7	3
		9	1017.3	+ 4.4	8.3	0.8	9.8	88	6.9	0	0	5	14	11	1	0	0	2	0	0	2	6	6	14	1	0	10	18	3	0	0	0	0	1	5	10	14	1
		15	1018.1	-	8.8	1.0	9.9	86	7.0	0	0	5	11	15	0	0	0	0	0	0	0	9	10	11	1	0	5	26	0	0	0	0	0	0	6	10	12	3
		21	1018.3	-	8.7	1.0	9.9	86	6.7	0	3	3	10	15	0	0	0	0	1	0	1	6	13	9	1	0	10	20	1	0	1	0	0	0	9	10	10	1
BRYNAMMAN	-	9	-	-	7.3	0.5	9.7	93	7.2	0	1	0	14	15	1	0	0	0	2	5	6	5	11	2	0	0	1	6	21	3	0	0	0	0	2	4	15	7
		15	-	-	8.3	0.9	9.7	87	7.2	0	0	2	13	14	2	0	0	1	2	2	3	7	14	2	0	0	0	9	21	1	0	0	0	0	1	5	16	8
		21	-	-	7.4	0.6	9.6	92	7.0	0	3	1	6	21	0	0	0	0	0	5	5	16	5	0	0	0	1	8	17	5	0	0	0	0	1	6	16	3
MILFORD HAVEN C.G.	39	3	1017.4	-	9.5	0.9	10.5	88	6.7	1	0	6	3	20	1	0	0	0	0	1	1	0	14	11	4	0	1	7	19	4	0	2	0	0	0	1	13	12	3
		9	1017.8	+ 4.6	9.4	0.9	10.5	87	6.4	0	1	9	7	14	0	0	0	0	0	0	1	14	12	4	0	0	7	20	3	1	0	0	0	0	3	6	13	8
		15	1018.8	-	10.0	1.2	10.5	84	6.9	0	0	5	6	18	0	0	0	0	0	0	0	15	14	2	0	0	2	27	2	0	1	0	0	0	0	1	14	5
		21	1019.1	-	9.8	1.1	10.5	85	6.5	1	1	5	6	18	0	0	0	0	1	0	1	17	9	3	0	0	6	22	3	0	1	0	0	0	3	10	12	5

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1974

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS: MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: NUMBER OF OBSERVATIONS 0 - 39M	40 - 199M	200 - 399M	400 - 999M	1000 - 1999M	2000 - 3599M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE 34 OR MORE	22-33	11-21	1-10	0	SPEED (KT) 8 OR MORE	6-7	4-5	1-3	CALM	N	NE	E	SE	S	SW	W	NW
8A WALES S -CONTD.																																									
WEST GLAMORGAN																																									
MUMBLES HEAD	37	3	1018.3	-	8.8	0.7	10.3	90	6.7	2	1	2	5	19	2	0	0	0	2	0	0	4	9	11	5	2	10	15	4	0	1	0	0	0	1	11	18	0
		9	1018.6	-	8.5	0.8	10.0	89	6.9	0	0	4	11	16	0	0	0	0	0	1	0	10	9	7	4	2	8	15	5	1	1	0	0	1	1	6	18	3
		15	1019.5	-	9.3	1.1	10.1	86	6.8	0	0	7	10	13	1	0	0	1	0	1	1	12	7	8	1	1	12	11	7	0	0	0	0	0	1	6	19	5
		21	1020.0	-	8.9	0.9	10.0	87	6.5	0	3	3	9	15	1	0	0	0	1	0	1	3	5	11	10	0	10	15	6	0	2	0	0	0	2	10	16	1
SOUTH GLAMORGAN																																								
RHOOSE	69	3	1018.1	-	8.3	1.0	9.5	86	6.6	0	3	5	5	18	0	0	0	0	0	0	2	7	8	13	1	0	6	19	6	0	0	0	0	0	4	7	16	4
		9	1018.3	+ 4.3	8.1	1.0	9.4	86	6.3	0	4	3	13	11	0	0	0	0	0	1	1	11	14	5	0	0	4	22	5	0	0	0	0	0	1	5	22	3
		15	1019.2	-	8.9	1.2	9.6	83	6.5	0	3	2	15	11	0	0	0	0	1	1	1	6	15	6	1	0	3	20	8	0	1	0	0	0	4	3	19	4
		21	1019.9	-	8.4	1.1	9.5	84	5.8	0	4	7	8	12	0	0	0	0	0	0	0	5	7	19	0																	
8B ENGLAND SW																																									
AVON																																									
FILTON	61	3	1018.2	-	8.4	1.0	9.5	85	6.6	0	3	3	10	15	0	0	0	0	0	0	1	3	15	12	0	0	4	17	10	0	1	0	0	0	4	11	15	0
		9	1018.4	+ 4.4	8.3	1.0	9.5	85	6.5	0	3	2	14	12	0	0	0	0	0	0	0	6	11	10	4	0	2	25	4	0	0	1	0	0	2	7	21	0
		15	1019.2	-	9.4	1.5	9.5	79	6.4	0	3	2	18	8	0	0	0	0	0	0	1	4	14	9	3	0	2	21	8	0	0	0	0	0	1	6	22	2
		21	1020.0	-	8.5	1.1	9.4	84	5.8	1	5	5	5	15	0	0	0	0	0	0	1	5	12	13	0	0	1	20	10	0	0	0	0	0	2	10	17	2
SOMERSET																																									
YEOVILTON	23	3	1019.6	-	8.8	1.2	9.7	84	6.3	1	2	6	8	14	0	0	0	0	0	0	0	3	19	9	0	0	0	19	12	0	0	0	0	0	4	12	10	5
		9	1019.6	-	8.6	1.2	9.5	83	6.8	0	0	3	18	10	0	0	0	0	0	0	0	4	18	9	0	0	3	14	13	1	0	0	1	0	3	10	14	2
		15	1020.2	-	10.2	1.7	9.8	77	6.5	0	0	8	16	7	0	0	0	0	0	0	0	1	12	18	0	0	3	16	12	0	0	0	0	0	3	7	17	4
		21	1021.1	-	9.1	1.2	9.7	83	6.1	2	2	5	9	13	0	0	0	0	0	0	0	1	18	12	0	0	4	14	13	0	0	0	0	0	4	13	10	4
DORSET																																									
HURN	11	3	1020.0	-	8.5	1.0	9.8	87	6.3	1	4	3	9	14	0	0	0	0	0	0	0	7	5	19	0	0	2	14	15	0	1	0	0	1	2	10	17	0
		9	1020.1	-	8.4	0.9	9.8	87	6.4	0	2	3	19	7	0	0	0	0	0	0	1	5	9	14	2	0	1	17	13	0	1	0	0	0	3	8	16	3
		15	1020.5	-	9.9	1.7	9.6	78	6.7	0	0	6	15	10	0	0	0	0	0	0	0	1	4	10	15	1	0	3	16	12	0	0	0	0	0	2	7	17	5
		21	1021.5	-	8.9	1.1	9.9	85	6.2	1	3	6	10	11	0	0	0	0	0	0	0	8	13	10	0	0	2	12	17	0	0	0	0	0	4	10	14	3
PORTLAND BILL C.G.	54	3	1020.2	-	9.5	0.5	11.2	93	6.0	2	4	3	5	17	0	0	0	0	0	0	0	8	15	8	0	2	11	17	1	0	1	0	0	0	2	8	17	3
		9	1020.2	-	9.3	0.5	11.0	93	6.4	1	0	8	12	10	0	0	0	0	1	0	0	10	9	11	0	1	14	12	4	0	0	1	0	1	1	4	20	4
		15	1020.8	-	9.7	0.6	11.2	92	6.7	0	0	6	15	10	0	0	0	0	0	0	2	9	5	15	0	1	11	17	2	0	0	0	0	0	2	4	20	5
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXETER	38	3	1020.1	-	8.9	0.8	10.3	89	6.1	1	4	5	6	15	0	0	0	0	0	0	0	2	13	15	1	0	3	12	16	0	1	0	1	0	7	5	15	2
		9	1020.3	+ 5.8	8.8	0.8	10.3	89	6.6	0	0	5	20	6	0	0	0	0	0	0	0	3	6	20	2	0	5	15	10	1	1	0	0	0	3	10	10	6
		15	1021.0	-	10.0	1.1	10.7	86	6.5	0	2	3	16	10	0	0	0	0	0	0	0	4	6	15	6	0	4	17	10	0	0	0	0	0	3	5	18	5
		21	1021.7	-	9.1	0.8	10.4	89	5.9	2	2	5	13	9	0	0	0	0	0	0	0	2	8	18	3	0	3	15	13	0	0	0	0	0	11	5	10	5
HARTLAND POINT	93	3	1018.7	-	9.2	0.7	10.5	90	7.1	0	2	3	4	20	2	0	1	0	1	0	0	5	9	10	5	4	16	9	2	0	1	0	0	0	0	5	21	4
		9	1019.3	-	9.1	0.8	10.3	88	7.0	0	0	3	17	11	0	0	0	0	0	2	1	4	12	7	5	4	15	9	3	0	1	0	0	0	2	2	22	4
		15	1020.2	-	9.3	0.9	10.4	88	7.1	0	0	5	9	16	1	0	1	0	0	0	1	7	7	13	2	1	13	13	4	0	0	0	0	0	1	6	19	5
		21	1020.4	-	9.3	0.9	10.3	87	6.5	0	2	6	5	18	0	0	0	0	0	0	1	4	7	12	7	3	13	12	3	0	0	0	0	0	0	6	17	8
MOUNT BATTEN	28	3	1021.0	-	9.7	1.0	10.5	86	6.4	1	1	6	9	13	1	0	1	0	0	0	0	9	12	9	0	2	8	18	3	0	2	0	0	0	2	4	16	7
		9	1021.5	+ 7.0	9.5	1.1	10.2	85	7.0	0	0	4	19	8	0	0	0	0	0	0	3	5	13	10	0	0	8	16	6	1	1	0	0	0	1	5	13	10
		15	1022.0	-	10.2	1.3	10.4	82	6.8	0	1	4	14	12	0	0	0	0	0	0	3	4	14	8	2	0	6	19	6	0	1	0	0	0	1	5	13	11
		21	1022.5	-	9.7	1.0	10.5	86	6.5	0	4	2	13	12	0	0	0	0	0	0	0	8	13	10	0	0	7	17	7	0	2	0	0	0	2	7	17	3
PRAWLE POINT	-	3	-	-	-	-	-	-	6.2	3	1	3	8	14	2	0	1	1	0	1	0	5	15	8	0	6	16	9	0	0	1	0	0	0	0	3	23	4
		9	-	-	-	-	-	-	6.5	0	2	6	8	15	0	1	1	0	0	0	0	5	14	10	0	6	14	8	3	0	0	1	0	0	1	1	20	8
		15	-	-	-	-	-	-	6.8	0	1	7	4	19	0	0	1	1	2	0	0	5	12	10	0	7	12	10	2	0	0	0	0	0	1	1	19	10
		21	-	-	-	-	-	-	5.8	4	2	4	6	15	0	0	0	0	1	0	0	5	14	11	0	5	15	9	2	0	1	0	0	0	0	4	22	4
CORNWALL																																									
GWENNAP HEAD	70	3	1020.6	-	9.7	0.8	10.8	89	6.3	1	3	4	7	15	1	0	1	0	0	1	0	3	13	12	1	6	6	18	1	0	1	0	1	0	0	12	12	5
		9	1021.2	-	9.8	1.1	10.5	85	6.7	0	1	6	10	14	0	0	0	0	0	0	2	8	13	8	0	5	11	14	1	0	2	0	0	0	1	10	9	9
		15	1021.9	-	10.0	1.1	10.7	86	6.4	0	4	4	7	16	0	0	0	0	0	1	1	11	8	9	2	1	14	16	0	0	0	0	0	0	0	10	13	8
		21	1022.0	-	9.8	0.9	10.7	88	6.2	0	5	4	6	15	1	0	0	0	1	1	0	5	10	12	2	2	13	16	0	0	2	0	0	0	0	15	9	5
ST MAWGAN	107	3	1020.7	-	9.1	0.7	10.5	90	6.6	0	2	6	6	17	0	0	0	0	0	1	1	13	7	6	4	1	10	16	4	0	1	1	0	0	2	11	11	5
		9	1021.2	+ 7.0	9.3	0.8	10.5	89	7.0	0	0	3	18	10	0	0	0	1	1	1	1	8	5	10	4	0	12	18	1	0	0	0	0	1	1	8	12	9
		15	1021.8	-	9.7	1.0	10.6	87	7.1	0	0	4	13	14	0	0	0	0	0	0	2	9	8	8	4	0	9	19	3	0	1	0	0	0	2	8	15	7
		21	1022.2	-	9.2	0.7	10.6	90	6.9	0	2	3	8	18	0	0	0	0	0	1	3	8	4	15	0	0	8	18	5	0	1	0	0	0	6	7	11	6
SCILLY	61	3	1021.7	-	9.9	0.8	11.0	89	6.3	0	3	6	8	13	1	0	0	1	0	0	2	3	7	9	5	2	8	20	1	0	0	0	1	0	4	6	14	6
		9	1022.4	+ 8.4	9.7	0.9	10.7	88	6.3	0	2	7	11	11	0	0	0	0	0	3	0	7	7	10	4	1	10	19	1	0	1	0	0	0	4	5	15	6
		15	1022.7	-	10.2	1.0	10.9	87	6.4	0	1	8	9	13	1	0	0	0	0	1	0	9	11	7	3	0	9	21	1	0	0	0	0	0	4	7	14	6
		21	1023.0	-	9.9	0.8	11.0	89	6.3	0	1	11	4	14	1	0	0	0	1	0	0	5	6	14	5	0	8	23	0	0	1	0	0	0	5	12	8	5
CHANNEL ISLANDS																																									
GUERNSEY AIRPORT	105	3	1023.2	-	9.2	0.8	10.4	89	6.9	0	1	6	5	19	0	0	0	0	0	2	1	5	5	15	3	1	6	22	2	0	1	0	0	0	4	9	13	4
		9	1023.2	-	9.3	0.9	10.5	88	6.5	0	2	4	14	11	0	0	0	0	0	0	2	7	5	14	3	0	8	19	3	1	1	0	0	0	4	4	17	4
		15	1023.8	-	9.6	1.0	10.5	87	7.1	0	1	1	17	12	0	0	0	0	0	0	3	4	7	10	7	0	7	20	4	0	0	0	0	0	4	6	17	4
		21	1024.6	-	9.3	0.9	10.5	88	6.4	0	5	3	7	16	0	0	0	0	0	1	0	5	9	13	3	0	6	20	5	0	1	0	0	0	4	8	13	5
NORTHERN IRELAND																																									
CO LONDONDERRY																																									
MONEYDIG	35	9	1009.3	-	7.0	0.8	9.0	88	5.7	0	5	5	14	7	0	0	0	0	0	0	1	3	5	22	0	0	3	16	12	0	0	0	0	0	6	10	13	2
		15	1010.1	-	8.2	1.1	9.4	85	5.9	0	4	3	18	6	0	0	0	0	0	0	0	2	6	23	0	0	4	20	7	0	0	0	0	0	5	9	15	2
		21	1009.5	-	7.1	0.7	9.2	90	6.0	0	6	3	10	12	0	0	0	0	0	0	1	3	6	21	0	0	6	11	14	0	0	0	0	0	12	10	8	1
CO ANTRIM																																									
ALDERGROVE	73	3	1009.5	-	6.8	0.7	9.0	89	6.6	0	2	6	7	16	0	0	0	0	0	0	1	2	7	17	4	0	1	21	8	1	0	0	0	0	6	18	5	1
		9	1010.6	+ 0.2	6.9	0.9	8.8	87	6.0	0	1	10	13	7	0	0	0	0	0	0	0	3	11	16	1	0	2	25	4	0	0	0	0	1	6	15	6	3
		15	1011.5	-	7.7	1.1	9.0	84	6.2	0	2	5	18	6	0	0	0	0	0	0	1	3	6	21	0	0	4	22	5	0	0	0	0	0	4	17	8	2
		21	1010.9	-	7.1	0.8	9.1	89	6.1	1	3	5	10	12	0	0	0	0	0	1	1	2	6	19	2	0	3	21	7	0	1	0	0	0	13	14	3	0
CO DOWN																																									
KILKEEL	20	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLOUGH	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO TYRONE																																									
CARRIGANS	112	9	1010.9	-	6.8	0.8	9.0	89	6.2	0	1	8	11	11	0	0	0	0	0	0	1	11	11	7	1	0	3	17	10	1	0	0	0	1	4	6	17	2
		15	1011.7	-	7.9	1.1	9.2	84	6.3	0	0	6	20	5	0	0	0	0	0	0	0	5	14	9	3	0	2	21	8	0	0	0	0	0	4	8	17	2
		21	1010.7	-	7.2	0.6	9.4	90	6.5	0	2	7	4	18	0	0	0	0	0	1	0	8	19	3	0	0	3	14	14	0	0	0	0	1	12	5	12	1

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS — DECEMBER 1974

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
LERWICK (PSYCHROMETER)	0	11	20	0	0	0	0	0	0	0	0	5	18	8	0	0
LERWICK (SCREEN)	0	8	23	0	0	0	0	0	0	0	0	6	16	9	0	0
STORNOWAY	0	5	19	7	0	0	0	0	0	0	0	3	17	11	0	0
CAIBSTONE	0	6	12	13	0	0	0	0	0	0	0	5	20	5	1	0
ROTHESAY	0	2	17	12	0	0	0	0	0	0	0	1	18	12	0	0
ABBOTSINCH	0	4	14	13	0	0	0	0	0	0	0	2	14	13	2	0
ESKDALEMUIR (PSYCHROMETER)	0	7	19	5	0	0	0	0	0	0	0	5	15	11	0	0
ESKDALEMUIR (SCREEN)	0	7	18	6	0	0	0	0	0	0	0	5	14	12	0	0
DOUGLAS	0	0	15	16	0	0	0	0	0	0	0	0	15	14	2	0
ACKLINGTON	0	3	14	14	0	0	0	0	0	0	0	3	14	11	3	0
GORLESTON	0	1	16	13	1	0	0	0	0	0	0	0	15	13	3	0
CAMBRIDGE BOTANIC GARDENS	0	1	8	20	2	0	0	0	0	0	0	0	14	16	1	0

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
EDGBASTON	0	1	16	13	1	0	0	0	0	0	0	2	9	16	4	0
KEW (PSYCHROMETER)	0	0	11	19	1	0	0	0	0	0	0	0	10	14	7	0
KEW (NORTH-WALL SCREEN)	0	0	11	20	0	0	0	0	0	0	0	0	9	14	8	0
HASTINGS	0	0	16	15	0	0	0	0	0	0	0	0	14	14	3	0
SOUTHAMPTON	0	0	9	22	0	0	0	0	0	0	0	0	10	17	4	0
STONYHURST	0	1	17	13	0	0	0	0	0	0	0	2	16	13	0	0
RHYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YALLEY	0	0	12	19	0	0	0	0	0	0	0	0	3	25	3	0
RHOOSE	0	0	16	15	0	0	0	0	0	0	0	0	9	20	2	0
FALMOUTH	0	0	10	21	0	0	0	0	0	0	0	0	10	20	1	0
ALDERGROVE	0	4	16	11	0	0	0	0	0	0	0	1	16	14	0	0
ARMAGH	0	1	15	15	0	0	0	0	0	0	0	2	17	12	0	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — DECEMBER 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED								MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES					
					34 KT OR MORE (GALE FORCE)		22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT			HOURLY WIND			GUST			
		ABOVE MSL	ABOVE GROUND	EFFECTIVE	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS				HOURS OF NO RECORD		VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY	TIME
0 SCOTLAND NORTH																			
SHETLAND	LERWICK	93	10	10	1 2 4 8 9 13 19-21	38	25	284	286	124	12	0	19.3	220	45	21	18	230	66	21	1812
ORKNEY	KIRKWALL AIRPORT	41	15	10	1 9 20 21 28	12	28	247	357	78	10	0	18.6	240	37	9	08	240	55	9	0800
CAITHNESS	DOUNREAY	34	12	9	DEFECTIVE RECORD																
	WICK	45	10	10		0	23	135	460	138	11	0	15.5	340	33	12	15	340	51	12	1542
ROSS AND CROMARTY	DUIRINISH	38	20	17	3 17 19 21 23 27	16	24	202	375	108	8	35	18.0	180	38	23	11	170	63	23	1118
	STORNOWAY	12	10	10	2 3 18 19 21 23	19	25	212	395	111	7	0	17.8	210	41	21	12	230	61	21	1312
INVERNESS-SHIRE	BENBECULA	16	10	10	17 18 21 23	32	29	287	364	56	5	0	20.1	290	45	17	06	300	67	17	0630
	DALCROSS	19	10	10	23	1	21	97	470	122	22	32	15.2	200	35	23	13	190	59	23	1312
	FORT AUGUSTUS	58	16	16		0	7	12	326	286	120	0	9.7	180	24	23	14	240	47	27	2342
1 SCOTLAND EAST																					
MORAYSHIRE	KINLOSS	18	13	13	12	1	22	108	485	142	8	0	15.4	330	34	12	15	280	55	18	0148
	LOSSIEMOUTH	17	10		12	3	23	119	476	133	13	0	15 7	330	35	12	16	280	55	5	0424
ABERDEENSHIRE	ABERDEEN DYCE AIRPORT	72	10	10	12	1	18	57	372	294	20	0	12.6	330	37	12	17	330	59	12	1706
	FRASERBURGH	29	13	11	5 10-12 17 18 28 29	65	23	103	442	134	0	0	17.2	340	46	12	16	320	62	12	1654
ANGUS	BELL ROCK	39	40	38	2-4 8-10 12 17-21 24 28 31	58	31	393	270	21	2	0	23.3	190	44	2	04	180	61	2	0518
PERTHSHIRE	RANNOCH	307	17	17																	
	TUMMEL BRIDGE	161	16	16		0	2	3	224	339	178	0	8.0	260	24	20	04	260	49	20	0412
FIFE	LEUCHARS	25	13	13		0	22	140	471	120	13	0	15.9	250	30	20	09	220	51	19	1948
MIDLOTHIAN	EDINBURGH TURNHOUSE AIRPORT	43	13	10	28	6	24	137	488	105	8	0	16.6	260	36	28	09	260	59	28	0724
6 SCOTLAND WEST																					
ARGYLLSHIRE	DUNSTAFFNAGE	13	10	10	17	4	15	91	516	121	8	4	15.4	240	35	17	10	250	58	17	0806
	MACHRIHANISH	22	12	12	4 5 10 12 16 17 19 23 27-29	52	30	328	315	43	6	0	21.8	280	43	17	05	290	66	17	0524
	TIREE	24	16	12	3 11 16 17 19-21 23 26 28	60	30	353	293	35	3	0	22.6	300	42	17	13	270	64	17	0242
RENFREWSHIRE	ABBOTSINCH AIRPORT	16	10	10	28	1	20	112	471	138	22	0	15.3	250	34	28	08	310	57	29	0812
	GREENOCK PORT	51	49		28	6	23	141	489	84	18	6	17.0	260	36	28	05	260	64	28	0848
	PAISLEY	57	25	9		0	12	44	414	252	29	5	12.5	190	30	3	21		61	16	0506
LANARKSHIRE	EAST KILBRIDE	194	17	14																	
AYRSHIRE	ARDROSSAN	24	20		5 17 19 28	26	27	209	436	58	9	6	18.8	270	41	17	09	270	65	17	0918
	PRESTWICK AIRPORT	21	10	10	17 18	6	20	146	494	62	15	1	16.3	310	36	17	15	300	65	17	1518
DUMFRIESSHIRE	ESKDALEMUIR	259	10	10	2 17-20 29	23	30	191	392	101	37	0	17.6	250	46	20	08	290	83	29	0912
WIGTOWNSHIRE	WEST FREUGH	25	10	10		0	18	77	538	118	11	0	14.9	300	29	17	14	290	53	17	1224
2 ENGLAND EAST AND NORTHEAST																					
TYNE AND WEAR	SOUTH SHIELDS	22	17	13	28	3	9	41	462	200	38	0	13.1	260	38	28	12	260	60	28	1318
DURHAM	DURHAM	119	16	10	28	3	18	92	460	176	13	0	14.7	270	36	28	13	270	72	28	1324
CLEVELAND	MIDDLESBROUGH	22	17	19																	
NORTH YORKSHIRE	CHURCH FENTON	18	10	10																	
	LEEMING	42	10	10	28 31	13	14	62	465	200	4	0	14.2	250	39	28	10	250	67	28	1024
LINCOLNSHIRE	BINBROOK	118	10	10	17 28	11	27	221	483	29	0	0	18.9	270	42	28	12	270	73	28	1312
	CONINGSBY	16	10	10		0	12	56	508	134	8	18	14.4	260	32	17	13	270	53	29	0536
	CRANWELL	68	13	13	17	1	23	141	558	43	1	0	17.3	250	35	17	11	250	51	17	1136
	MANBY	26	10	10	RECORDS DISCONTINUED																
	WADDINGTON	80	10	10		0	6	31	571	139	3	0	14.0	240	28	29	01	240	53	29	0142
3 EAST ANGLIA																					
NORFOLK	COLTISHALL	27	10	10		0	12	72	528	142	2	0	14.7	240	31	29	04	270	56	17	1924
	GORLESTON	16	13	13		0	10	41	516	176	0	11	14.0	190	29	27	03	250	48	17	1224
	MARHAM	29	10	10		0	10	50	523	171	0	0	14.2	260	31	17	12	260	48	17	0124
	WEST RAYNHAM	93	16	14		0	17	145	558	41	0	0	17.1	260	32	17	12	270	54	17	1906
CAMBRIDGESHIRE	WITTERING	83	10	10		0	10	54	522	167	1	0	14.3	270	29	28	14	270	53	28	1424
SUFFOLK	HONINGTON	60	13	13		0	9	68	547	129	0	0	14.4	260	29	29	06	260	64	11	0354
	WATTISHAM	105	17	10		0	12	91	525	128	0	0	15.3	250	32	17	15	300	68	11	0412
BEDFORDSHIRE	BEDFORD	94	13	9	28	1	16	125	508	110	0	0	16.1	260	34	28	13	280	60	11	0324
	CARDINGTON	70	41	41	17 26 28 29	16	16	121	563	44	0	0	17.3	270	37	26	06	290	52	28	1318

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES ABOVE MSL	ABOVE GROUND	EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED 34 KT OR MORE (GALE FORCE) DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	22-33 KT NUMBER OF HOURS	11-21 KT NUMBER OF HOURS	4-10 KT NUMBER OF HOURS	LESS THAN 4 KT NUMBER OF HOURS	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES HOURLY WIND YEAR FROM N	SPEED-KT	DAY	HOUR BEGINNING	GUST YEAR FROM N	SPEED-KT	DAY	TIME
CONTINUATION OF DISTRICT 3 EAST ANGLIA																					
HERTFORDSHIRE	OARSTON	94	15	10		0	2	3	230	500	11	0	9.7	250	23	26	09	230	47	26	0254
	ROTHAMSTED	141	13	10		0	0	0	225	448	71	0	8.8	270	20	26	09	260	47	26	1006
ESSEX	SHOEBURYNESS	36	32	28	25	1	18	163	538	42	0	0	17.6	180	35	25	12	270	48	17	1118
	STANSTED	108	10	10		0	5	19	406	315	4	0	11.6	260	25	26	09	260	49	29	0542
4 MIDLAND COUNTIES																					
SOUTH YORKSHIRE	FINNINGLEY	19	10	10	17 28	8	16	70	505	156	5	0	15.0	270	40	28	09	270	55	17	1636
	SHEFFIELD	160	25	11		0	2	20	255	374	95	0	9.3	280	30	28	12	270	69	28	1242
NOTTINGHAMSHIRE	WATNALL	130	13	10		0	8	60	508	171	5	0	14.1	260	31	28	12	250	63	28	1218
STAFFORDSHIRE	KEELE	215	15	10		0	3	12	247	418	67	0	8.9	310	27	12	18	300	54	17	1700
LEICESTERSHIRE	COTTESMORE	143	13	13	DEFECTIVE RECORD																
SALOP	SHAWBURY	84	12	10		0	13	46	454	223	21	0	13.0	260	31	29	02	270	50	29	0336
WEST MIDLANDS	BIRMINGHAM EDGBASTON	196	36	22		0	8	19	434	279	12	0	12.3	330	29	12	22	320	55	11	0412
	ELMDON AIRPORT	104	10	10		0	13	72	524	147	1	0	14.8	310	33	12	18	310	56	12	1900
HEREFORD & WORCS	PERSHORE	47	10	10		0	15	67	505	164	8	0	14.2	260	30	29	05	250	49	29	0512
GLOUCESTERSHIRE	FAIRFORD	88	10	10	26	1	12	69	491	178	5	0	14.5	250	36	26	08	240	53	26	0824
OXFORDSHIRE	ABINGDON	90	12	12		0	7	33	484	205	18	4	13.1	260	30	26	08	260	53	26	0736
	BRIZE NORTON	91	13	10		0	3	10	377	347	10	0	11.2	240	26	26	06	240	48	26	0630
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																					
GREATER LONDON	HAMPTON	42	31	30		0	6	35	395	302	12	0	12.4	260	29	26	11	300	52	11	0500
	HEATHROW AIRPORT	34	10	10		0	4	10	364	370	0	0	11.5	280	23	26	12	320	51	11	0442
	KEW	28	23	15		0	3	5	407	328	4	0	11.7	240	24	26	11	320	78	11	0448
	LONDON WEATHER CENTRE	93	70	38		0	10	47	579	118	0	0	14.3	270	28	17	14	210	54	27	0242
	POST OFFICE TOWER			174																	
WILTSHIRE	BOSCOMBE DOWN	130	17	17		0	12	89	498	150	7	0	14.9	280	32	28	13	280	53	28	1342
	LARKHILL	145	13	10		0	13	66	453	217	8	0	13.9	250	30	28	13	250	54	28	1348
	MIDDLE WALLOP	94	10	10		0	9	34	434	263	13	0	12.6	280	25	28	15	240	47	27	0130
	PORTON	120	10	10		0	11	80	466	191	7	0	14.2	230	28	26	01	240	47	26	0142
KENT	DUNGENESS	16	10	10	26 27	2	19	226	479	37	0	0	18.3	250	34	26	10	250	54	26	1124
	ISLE OF GRAIN	15	12	10		0	15	118	550	76	0	0	15.6	260	32	26	10	280	73	11	0500
	MANSTON	62	18	18		0	12	80	505	159	0	0	14.3	320	29	13	02	240	47	17	0312
HAMPSHIRE	FARNBOROUGH	75	10	10		0	2	3	343	393	5	0	11.0	290	22	11	04	300	45	11	0448
WEST SUSSEX	GATWICK AIRPORT	69	10	10		0	6	27	412	293	12	0	12.0	240	26	26	02	240	48	26	0218
	THORNEY ISLAND	16	10	10		0	11	75	436	211	22	0	13.6	240	32	26	05	230	50	26	0206
7A ENGLAND NORTHWEST AND ISLE OF MAN																					
CUMBRIA	CARLISLE	41	13	9		0	21	87	498	142	17	0	14.8	210	27	20	00	240	53	21	0136
	GREAT DUN FELL	857	10	10	1-10 12-14 16-31	404	29	281	59	0	0	0	34.7	260	65	20	08	270	82	20	0842
	MOOR HOUSE	595	13	12	1-6 12 17-23 27-29 31	68	31	386	258	23	6	3	23.7	250	48	20	08	250	69	20	0818
	SELLAFIELD	25	12	11		0	12	84	440	206	11	3	14.3	280	32	17	15	290	55	17	1630
LANCASHIRE	FLEETWOOD	34	15	9	11 17 18	23	14	118	406	162	35	0	15.3	300	39	17	16	300	64	17	1630
	SQUIRES GATE AIRPORT	22	12	11	17	3	20	169	506	63	3	0	17.4	270	34	17	11	280	57	17	1636
MERSEYSIDE	AIGBURTH	38	23	11	DEFECTIVE RECORD																
	SOUTHPORT	19	14	11																	
	SPEKE AIRPORT	30	10	10	12 17 29	7	18	132	448	141	16	0	15.8	270	35	17	12	280	55	17	1700
GREATER MANCHESTER	MANCHESTER RINGWAY AIRPORT	80	10	10		0	14	63	479	194	18	0	14.1	270	32	29	04	270	52	17	1506
	WEATHER CENTRE	82	45	17		0	5	23	482	228	11	0	12.7		28	29	04		51	29	0424
ISLE OF MAN	POINT OF AYRE	20	10	10	17	14	28	277	404	47	2	0	19.8	290	39	17	15	290	65	17	1536
	RONALDSWAY	25	10	10		0	26	252	445	38	9	0	18.6	270	33	17	09	280	56	17	1506
7B WALES NORTH																					
GWYNEDD	VALLEY	26	16	12	10 16 17 19 20 22 23 25 26 28 29	39	28	357	315	29	4	0	22.1	280	41	17	11	290	61	17	1206
8A WALES SOUTH																					
DYFED	ABERPORTH	144	10	10	11 25 29	6	22	209	505	24	0	0	19.3	230	34	29	01	300	49	11	0248
	MILFORD HAVEN	47	10	10		0	15	102	560	76	6	0	16.0	240	33	26	04	260	51	26	0642
WEST GLAMORGAN	PORT TALBOT	28	12	11		0	13	110	422	182	30	0	14.0	300	32	11	03	300	54	11	0330
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10		0	12	118	467	143	11	0	15.2	260	32	28	05	270	52	26	0748
8B ENGLAND SOUTHWEST																					
DORSET	HURN AIRPORT	23	13	11		0	10	67	372	275	30	0	12.6	240	29	26	05	200	52	27	0124
	PORTLAND BILL CG	60	13	13	11 17 26 27	28	20	247	442	24	0	3	20.6	300	38	17	01	300	58	17	0300
DEVON	CHIVENOR	22	16	13	RECORDS DISCONTINUED																
	MOUNT BATTEN	64	13	13	22 26	11	16	170	427	126	10	0	16.6	250	39	26	00	240	59	26	0024
CORNWALL	LIZARD	96	23	18	10-12 16 17 21-23 25-27 29	86	28	326	323	6	3	0	24.0	260	46	27	05	270	74	27	0500
	ST MAWGAN	120	13	13	12 26 27	10	18	230	433	67	4	0	18.1	250	35	26	05	250	71	26	2254
	SCILLY(ST.MARY'S)	70	20	17	11 12 17 25-27	27	19	244	461	6	6	0	20.4	260	42	27	05	270	67	27	0448
CHANNEL ISLANDS																					
	JERSEY AIRPORT	98	18	12	11	1	13	122	515	91	15	0	16.0	320	34	11	08	310	56	11	0700
NORTHERN IRELAND																					
LONDONDERRY	COLERAINE UNIVERSITY	33	10	10	DEFECTIVE RECORD																
ANTRIM	ALDERGROVE	80	10	10		0	12	67	558	115	4	0	14.7	250	32	28	09	260	58	28	0936
	BALLYPATRICK FOREST	166	13	13	12 17 28	13	27	259	389	22	1	60	19.9	270	37	28	09	170	64	23	1018
	BELFAST HARBOUR	21	18	18	DEFECTIVE RECORD																
DOWN	KILKEEL	36	19	14	12 23 28	12	20	148	407	115	13	49	16.6	150	38	23	13	250	63	28	0854
ARMAGH	PORTADOWN	26	10	10																	
TYRONE	CARRIGANS	129	10	10		0	7	54	379	252	55	4	11.9	270	30	28	09	260	58	28	0912
FERMANAGH	CASTLE ARCHDALE FOREST	80	13	13	DEFECTIVE RECORD																

TABLE 3 ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	MAX. TERMINAL (EIGHT) OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL (TERMINAL H 09 GMT): PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	WEATHER (NUMBER OF DAYS): PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 0H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	GRASS MIN BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1969	ANNUAL	CARDOD													704	112																	
1974	JANUARY	CRAIGSTONE																	17	14													
		KIRKCALDY															11	16	20	14													
		GRANGEMOUTH																															
		MUNICIPAL CHAMBERS																	24	22													
1974	APRIL	LOWTOWN															27																
		HELENS BAY																11															
1974	MAY	STENNESS			12.4	6.5	9.5		15.7	15	-2.2	6	9.1	8.1	45		13	27	18	11	0	0	0	0	0	0	1	6		0	4.41		
		DOUNREAY													58			27		14											6.12		
		FORTROSE													28	53			13	8													
		DUNDEE													54	83			15	12													
		KIRKCALDY													35		9	1	15	13	0	0	0	0	1	0				0	7.86	144	
		PENICUIK																															
		ROTHESAY																													6.31		
		SALSBURGH			13.4	4.5	8.9		19.5	16	-1.5	5												0	1	4							
		FILEY			13.3	6.4	9.9		19.2	27	1.5	30			19		5	10,19	6	5	0	0	0	0	1	0	0	0		0	7.21		
		COSTESSEY			17.3	5.7	11.5		24.8	18	-2.0	8			16		4	22	10	6	0	0	0	1	0	1	0	8		0			
		MONKSWOOD													28		7																
		WADWORTH			-	-	-		-	-	-	-																					
		NOTTINGHAM			16.2				21.0	17			11.6	10.0	23	48	7	23	11	9	0	0	0	0	0	0		0		0	6.01	112	
		STONE																	13	8													
		SHREWSBURY			15.4	6.5	10.9	-0.5	21.0	17	-0.6	7	11.9	11.1	25		6	12	15	8	0	0	0	0	0	0	1	8		0	6.03	105	
		RUGBY			15.8	6.1	10.9	-0.4																									
		IPSLEY (SEWAGE WORKS)				5.9																											
		CHELTENHAM													28		7	23	11	8													
		HERNE BAY			15.6	7.0	11.3		22.0	18,20	0.0	8	12.2		15		3	9	9	6	0	0	0	0	0	0	0	1		0	7.49	111	
		WINCHESTER			15.5	6.7	11.1		21.0	19,27	0.0	7,8		10.1	48		9	9	11	8	0	0	3	0	2		0	3		0	6.29		
		FERNHURST						(-1.2)																									
		BRIGHTON			14.3		11.3	-0.6											10	4													
		GRIZEDALE																															
		MOOR HOUSE																													5.97		
		BAILRIGG				6.9																											
		HELMSHORE																													5.72		
		MORECAMBE																													6.33	100	
		AIGBURTH				7.7	11.4																										
		BOLTON																													5.53	94	
		RONALDSWAY AIRPORT													48					12													
		WREXHAM				5.2									39		10	23															
		ABERYSTWYTH																													5.47	85	
		TRAWSCOED				5.4																											
		CARDIFF			15.5	7.2	11.3	-0.6	20.3	17	1.7	2	10.8	10.0	47	61	13	2	12	10	0		0	0	0	0	0			0	5.95	94	S
		BATH													34		9	23	12	8													
		WEYMOUTH			15.0		11.1			27																							
		WINFRITH			15.2				19.0	14,27																							
		EAST MALLING													11				10	4													
		SWANAGE														64																	
		MOUNT BATTEN														119																	
		MILLTOWN			14.0	6.8	10.4		18.7	21	1.3	7			81		21	9	18	14	0	0	0	0	1	0	0	2		0			
		CREIGHTONS GREEN			12.5	5.5	9.0				1.3	3																2					
	JUNE	STENNESS			14.5	7.6	11.1		18.9	1	4.1	15	11.1	9.4	58		15	17	17	12	0	0	0	0	0	0	0	6		0	5.55		
		DOUNREAY													66		11	30		15											5.95		
		ACHNASHELLACH			16.5	7.8	12.1	-0.3	26.1	21	2.4	28			134	106	19	17	17	15	1	0	0	0	0	0	0			0			
		FORTROSE			15.4		12.3	-0.3							23	46			14	12													
		GLENLIVET			15.6	6.4	11.0		23.7	21	2.0	16			45		11	17	13	9	0	0	4	0	0	0	0	1	0	0	5.85		S
		FYVIE CASTLE			15.6	7.4	11.5		22.5	14	2.5	14			63	111	26	30	17	11	0		0	0	0	0	0	2		0			
		TURNHOUSE AIRPORT																															S
		PENICUIK																															
		ROTHESAY													59				15	12													
		FILEY			16.0	8.6	12.3		21.0	22	3.5	9			31		14	18	6	6	0	0	0	0	0	0	0	0		0	6.01		
		CLEETHORPES													51	104			9	7													
		HULL													40	80			12	9													
		CROMER													29	70			9	8													
		ALDENHAM SCHOOL													65																		
		ST ALBANS													64	133																	
		WISDEN													50					8													
		NOTTINGHAM			18.2				23.0	20,21,22			15.1	13.1	70	152	19	16	12	11	0	0	0	0	0	0	0			0	5.53	93	
		STRATFORD-ON-AVON													43				12	7													
		IPSLEY (SEWAGE WORKS)													51			15		7													
		PRESTON WYNNE													57																		
		GRENDON UNDERWOOD													87				10	9													
		HAMPSTEAD													58	111			13	12													
		HERNE BAY			17.8	10.3	14.1		22.0	5,20	5.5	1	15.5		44		12	26	12	11	0	0	0	0	0	0	0	0		0	6.97	94	
		WINCHESTER			20.5	9.0	14.7		25.5	21	5.5	2,9,10		13.0	89		23	25	11	10	0	0	0	0	1	3	0	0		0	5.88		
		LITTLEHAMPTON			18.6	10.5	14.5	-0.3	25.3	14	5.7	10		14.2	61	138	21	25	10	7	0	0	0	0	0	2	0	0		0	7.37	92	
		GRIZEDALE																															
		LOGGERHEADS																5															
		ESGAIRBEN-UCHAF													83				16	13													
		BINCANTON				9.1	13.8				4.4	5																					
		PLYMOUTH THE HOE			17.8	11.3	14.5	-0.3	23.5	15	6.3	5	15.1	13.5	56	103	29	28	13	8	0	0	0	0	0	0	0	0		0	7.33	101	
		GWENNAP HEAD																	14														
		ILKLEY														119																	
		SWANAGE														120																	
		MOUNT BATTEN														107																	
		COOLKEERAGH			16.8	8.0	12.4		25.4	22	5.0	7,9,27															0						
		DERRYNOYD FOREST			16.6	6.7	11.7		24.0	21	0.4	28			48		14	30	15	11	0	0	0	0	1	0	0						

Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

To be purchased from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London WC1V 6HB; 13a Castle Street, Edinburgh EH2 3AR; 41 The Hayes, Cardiff CF1 1JW; Brazennose Street, Manchester M60 8AS; Southey House, Wine Street, Bristol BS1 2BQ; 258 Broad Street, Birmingham B1 2HE; 80 Chichester Street, Belfast BT1 4JY; or through booksellers. Monthly Parts Price 30p. net. Annual Summary 40p. net. Introduction 14p. net. Annual Subscription £4.84 (including postage, Introduction and Summary). Printed in England for HMSO by Watkiss Studios Ltd. Dd 506684 K12 I SBN 0 11 723020 0